

# National Testing Agency

<b>Question Paper Name :</b>	Economics Eng 06th June 2023 Shift 1
<b>Subject Name :</b>	Economics Eng
<b>Creation Date :</b>	2023-06-06 20:17:31
<b>Duration :</b>	120
<b>Total Marks :</b>	400
<b>Display Marks:</b>	Yes

## Economics

<b>Group Number :</b>	1
<b>Group Id :</b>	92090641
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	400
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## Part A

<b>Section Id :</b>	92090681
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	21
<b>Number of Questions to be attempted :</b>	21
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	920906131
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Id : 9209064049 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes  
Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Question Numbers : (1 to 5)**

Question Label : Comprehension



Read the following passage and answer the next five questions by choosing the correct options

I first began traveling to India in the 1980s, drawn by a fascination with this ancient country that cherishes its history, has a deep reverence for learning, and harbors great ambitions for the future. My interest in India was professional as well as personal. Microsoft was expanding, our need for talent was growing, and as a CEO I was attracted to the vitality and ingenuity I saw in the Indian people. I was really pleased when we opened Microsoft's Indian headquarters in Hyderabad in 1990.

A few years later, several colleagues and I were flying into Bangalore. As we made our final approach, I looked out the window and saw an area of densely packed, tiny, dilapidated homes stretching out for miles. At that moment one of my Indian traveling companions declared proudly, "We have no slums in Bangalore".

Whether out of denial, embarrassment, or innocence, my colleague didn't see the "other" India. I don't mean to single him out. It can be easy to turn our eyes away from the poor. But if we do, we miss seeing a society's full potential.

I knew at the time that I was very fortunate to be collaborating with the most privileged people of India—highly educated citizens of great intelligence, diligence and imagination. But when Melinda and I started our foundation's work in India, we began to meet people from the areas we'd been flying over. They had little education and poor health, and lived in slums or poor rural areas—the kind of people many experts had told us were holding India back. Yet our experiences in India suggest the opposite: that what some call a weakness can instead be a source of great strength.

Our foundation began working in India a decade ago with a number of grants to fight HIV / AIDS at a time many feared India would become a flashpoint for the disease. In the ten years since, that most marginalized groups in Indian society have proved indispensable in the fight against AIDS.

In each case, Melinda and I have seen many examples of India's poor making dramatic contributions for the good of the country. Nowhere have we seen the power of the poor demonstrated more clearly however than in the fight to end polio. Indeed, India's accomplishment in eradicating polio is the most impressive global health success I've ever seen.

Experts predicted that polio would be eliminated in every other country before it was eliminated in India.

But India surprised them all: Their country has now been polio-free for more than two years. As I see it, India's success offers a textbook script for winning some of the world's most difficult battles, not only in public health, but in most every area of human welfare, from business to agriculture to education. And the key has been the participation of the humblest, most vulnerable elements of the Indian population.

To be successful, any campaign this big has to include three elements: a clear goal, a comprehensive plan, and precise measurements—so you can see what is working and what is not and improve the plan as you go. India's polio program has benefited from all three. The goal is clear and ambitious: eliminate polio in India. The plan is massive and comprehensive, big enough to inspire the entire nation to action. The fact that India has fully funded its own anti-polio plan is a ringing statement of Indian commitment and self-confidence.

Above all, though, the campaign enlisted the support of the full sweep of Indian society, including health workers, ordinary citizens, and some of the poorest people in the most impoverished regions of the country. This program became their cause. It created a groundswell of enthusiasm and tapped the spirit of India.

The heart of the plan was a simple and inspiring mission: find the children.

The campaign showed India at its best-the relentless spirit, the idealism, the teamwork, the scientific power, the business acumen, the manufacturing skill, the political imagination, and the vast human resources that can deploy more than two million people ad spark the imagination of a billion. Yes, India faces challenges in many areas that are well documented in the media. But in its fight against polio, India has shown the world that when its people set an ambitious goal, mobilize the country, and measure the impact, India's promise is endless.

### Sub questions

**Question Number : 1 Question Id : 9209064050 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following options suggests that the writer was interested in india personally?

- (A) Needed greater talent as Microsoft was expanding Noticed the.
- (B) Vitality and ingenvity of Indian as a CEO found it to be
- (C) A country that cherishes its history Admired
- (D) Indian reverence for learning

Choose the most appropriate from the options given below :

- (1) (A) only
- (2) (D) only
- (3) (C) and (D) only
- (4) (B) and (C) only

### Options :

92090616001. 1

92090616002. 2

92090616003. 3

92090616004. 4

**Question Number : 2 Question Id : 9209064051 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II :

To complete the information in the table

List I	List II
(A) India has fully founded its own anti-polio plan.	(I) India surprised them all by beind polio free successfully.
(B) Elements required for the success of a campaign.	(II) Find the children-Eliminate polio.
(C) The heart is mission of the polio plan.	(III) Indian Commitment a self-confidence.
(D) Experts predicted that polio would be eliminated in every country before it was eliminated in India.	(IV) clear goal, compreheusive plan, precise measurements

Choose the most appropriate answer from the options given below:

- (1) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)
- (2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

**Options :**

92090616005. 1
92090616006. 2
92090616007. 3
92090616008. 4

**Question Number : 3 Question Id : 9209064052 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

“Whether out of devial, embarrassment, or inocevce, my colleague didit see the “other” India”. What dose other India refer to?

- (1) Highly educated Indian Citizen
- (2) The rich Section of Indian society
- (3) The politically powerful people of India
- (4) The impoverished Indians.

**Options :**

92090616009. 1
92090616010. 2
92090616011. 3
92090616012. 4

**Question Number : 4 Question Id : 9209064053 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

“Yet our experience in India suggests the opposite that what some call a weakness can be a source of great strength”. How was this belief of the writer proved correct during the polio campaign?

- (1) The power of poor was demonstrated clearly in the fight to end polio.
- (2) The marginalized groups in Indian society proved indispensable in the fight against AIDS.
- (3) The programme created a groundswell of enthusiasm and tapped the spirit of India.
- (4) The Campaign showed India at its best.

**Options :**

92090616013. 1  
92090616014. 2  
92090616015. 3  
92090616016. 4

**Question Number : 5 Question Id : 9209064054 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

What can be a suitable title for the passage?

- (1) The common goal of India.
- (2) The fight Against AIDS.
- (3) The Amazing success of the polio campaign.
- (4) The Indian poor class.

**Options :**

92090616017. 1  
92090616018. 2  
92090616019. 3  
92090616020. 4

**Question Id : 9209064049 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Question Numbers : (1 to 5)**

**Question Label : Comprehension**





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To be successful, any campaign this big has to include three elements: a clear goal, a comprehensive plan, and precise measurements—so you can see what is working and what is not and improve the plan as you go. India's polio program has benefited from all three. The goal is clear and ambitious: eliminate polio in India. The plan is massive and comprehensive, big enough to inspire the entire nation to action. The fact that India has fully funded its own anti-polio plan is a ringing statement of Indian commitment and self-confidence.

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The campaign showed India at its best-the relentless spirit, the idealism, the teamwork, the scientific power, the business acumen, the manufacturing skill, the political imagination, and the vast human resources that can deploy more than two million people ad spark the imagination of a billion. Yes, India faces challenges in many areas that are well documented in the media. But in its fight against polio, India has shown the world that when its people set an ambitious goal, mobilize the country, and measure the impact, India's promise is endless.

### Sub questions

**Question Number : 1 Question Id : 9209064050 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following options suggests that the writer was interested in india personally?

- (A) Needed greater talent as Microsoft was expanding Noticed the.
- (B) Vitality and ingenvity of Indian as a CEO found it to be
- (C) A country that cherishes its history Admired
- (D) Indian reverence for learning

Choose the most appropriate from the options given below :

- (1) (A) only
- (2) (D) only
- (3) (C) and (D) only
- (4) (B) and (C) only

### Options :

92090616001. 1

92090616002. 2

92090616003. 3

92090616004. 4

**Question Number : 2 Question Id : 9209064051 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II :

To complete the information in the table

List I	List II
(A) India has fully founded its own anti-polio plan.	(I) India surprised them all by beind polio free successfully.
(B) Elements required for the success of a campaign.	(II) Find the children-Eliminate polio.
(C) The heart is mission of the polio plan.	(III) Indian Commitment a self-confidence.
(D) Experts predicted that polio would be eliminated in every country before it was eliminated in India.	(IV) clear goal, compreheusive plan, precise measurements

Choose the most appropriate answer from the options given below:

- (1) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)
- (2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

**Options :**

92090616005. 1
92090616006. 2
92090616007. 3
92090616008. 4

**Question Number : 3 Question Id : 9209064052 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

“Whether out of devial, embarrassment, or inocevce, my colleague didit see the “other” India”. What dose other India refer to?

- (1) Highly educated Indian Citizen
- (2) The rich Section of Indian society
- (3) The politically powerful people of India
- (4) The impoverished Indians.

**Options :**

92090616009. 1
92090616010. 2
92090616011. 3
92090616012. 4

**Question Number : 4 Question Id : 9209064053 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

“Yet our experience in India suggests the opposite that what some call a weakness can be a source of great strength”. How was this belief of the writer proved correct during the polio campaign?

- (1) The power of poor was demonstrated clearly in the fight to end polio.
- (2) The marginalized groups in Indian society proved indispensable in the fight against AIDS.
- (3) The programme created a groundswell of enthusiasm and tapped the spirit of India.
- (4) The Campaign showed India at its best.

**Options :**

- 92090616013. 1
- 92090616014. 2
- 92090616015. 3
- 92090616016. 4

**Question Number : 5 Question Id : 9209064054 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

What can be a suitable title for the passage?

- (1) The common goal of India.
- (2) The fight Against AIDS.
- (3) The Amazing success of the polio campaign.
- (4) The Indian poor class.

**Options :**

- 92090616017. 1
- 92090616018. 2
- 92090616019. 3
- 92090616020. 4

<b>Sub-Section Number :</b>	2
<b>Sub-Section Id :</b>	920906132
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number : 6 Question Id : 9209064055 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Read the following Sentence carefully and identity the option that has an error.

- (1) She persisted
- (2) To go to the market alone
- (3) Inspite of my advice
- (4) That it would not be safe.

**Options :**

- 92090616021. 1
- 92090616022. 2
- 92090616023. 3
- 92090616024. 4

**Question Number : 6 Question Id : 9209064055 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Read the following Sentence carefully and identity the option that has an error.

- (1) She persisted
- (2) To go to the market alone
- (3) Inspite of my advice
- (4) That it would not be safe.

**Options :**

- 92090616021. 1
- 92090616022. 2
- 92090616023. 3
- 92090616024. 4

**Question Number : 7 Question Id : 9209064056 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

I am really exhausted. I had no rest for the last two days. Replace the underlined incorrect verb with the correct one from the options given below:

- |              |               |
|--------------|---------------|
| (1) Had had  | (2) Never had |
| (3) Have had | (4) Did       |

**Options :**

- 92090616025. 1
- 92090616026. 2
- 92090616027. 3
- 92090616028. 4

**Question Number : 7 Question Id : 9209064056 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

I am really exhausted. I had no rest for the last two days. Replace the underlined incorrect verb with the correct one from the options given below:

- |              |               |
|--------------|---------------|
| (1) Had had  | (2) Never had |
| (3) Have had | (4) Did       |

**Options :**

- 92090616025. 1
- 92090616026. 2
- 92090616027. 3
- 92090616028. 4

**Question Number : 8 Question Id : 9209064057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Identify the adverbial error in the following sentence by choosing the correct option:

The director of the company will speak shortly on the vision of the project.

- |            |             |
|------------|-------------|
| (1) mildly | (2) briefly |
| (3) hardly | (4) kindly  |

**Options :**

- 92090616029. 1
- 92090616030. 2
- 92090616031. 3
- 92090616032. 4

**Question Number : 8 Question Id : 9209064057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Identify the adverbial error in the following sentence by choosing the correct option:

The director of the company will speak shortly on the vision of the project.

- (1) mildly (2) briefly  
(3) hardly (4) kindly

**Options :**

92090616029. 1  
92090616030. 2  
92090616031. 3  
92090616032. 4

**Question Number : 9 Question Id : 9209064058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of the option givs below, choose the word that is incorrectly spelt:

- (1) Franchise (2) Abstinence  
(3) Accomodation (4) Psychology

**Options :**

92090616033. 1  
92090616034. 2  
92090616035. 3  
92090616036. 4

**Question Number : 9 Question Id : 9209064058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Out of the option givs below, choose the word that is incorrectly spelt:

- (1) Franchise (2) Abstinence  
(3) Accomodation (4) Psychology

**Options :**

92090616033. 1  
92090616034. 2  
92090616035. 3  
92090616036. 4

**Question Number : 10 Question Id : 9209064059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

His **AFFLUENCE** was evident in the way he dressed, the house he lived in and the car he drove choose the word that is oppsite is meaning to the word in bold.

- |                |                 |
|----------------|-----------------|
| (1) Stagnation | (2) Destitution |
| (3) Opulence   | (4) Neglect     |

**Options :**

92090616037. 1

92090616038. 2

92090616039. 3

92090616040. 4

**Question Number : 10 Question Id : 9209064059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

His **AFFLUENCE** was evident in the way he dressed, the house he lived in and the car he drove choose the word that is oppsite is meaning to the word in bold.

- |                |                 |
|----------------|-----------------|
| (1) Stagnation | (2) Destitution |
| (3) Opulence   | (4) Neglect     |

**Options :**

92090616037. 1

92090616038. 2

92090616039. 3

92090616040. 4

**Question Number : 11 Question Id : 9209064060 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A solid metallic sphere of radius 6cm is melted and recasted into small solid balls of radius 0.6cm. find the number of balk so formrd.

- |          |          |
|----------|----------|
| (1) 5000 | (2) 1000 |
| (3) 2000 | (4) 2400 |

**Options :**

92090616041. 1

92090616042. 2

92090616043. 3



92090616044. 4

**Question Number : 11 Question Id : 9209064060 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A solid metallic sphere of radius 6cm is melted and recasted into small solid balls of radius 0.6cm. find the number of balk so formrd.

- (1) 5000 (2) 1000  
(3) 2000 (4) 2400

**Options :**

92090616041. 1  
92090616042. 2  
92090616043. 3  
92090616044. 4

**Question Number : 12 Question Id : 9209064061 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If  $\sin\theta = \frac{5}{13}$ , then find the value of  $\frac{1+\tan\theta}{\sec\theta}$

- (1)  $\frac{15}{12}$  (2)  $\frac{17}{13}$   
(3)  $\frac{12}{13}$  (4)  $\frac{2}{5}$

**Options :**

92090616045. 1  
92090616046. 2  
92090616047. 3  
92090616048. 4

**Question Number : 12 Question Id : 9209064061 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If  $\sin\theta = \frac{5}{13}$ , then find the value of  $\frac{1+\tan\theta}{\sec\theta}$

(1)  $\frac{15}{12}$

(2)  $\frac{17}{13}$

(3)  $\frac{12}{13}$

(4)  $\frac{2}{5}$

**Options :**

92090616045. 1

92090616046. 2

92090616047. 3

92090616048. 4

**Question Number : 13 Question Id : 9209064062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

In how much time will a sum of ₹ 3,300 become ₹ 3,399 at 6% per annum, interest compounded half yearly?

(1) 6 mnths

(2) 1 year

(3) 1 year 6 months

(4) 2 years

**Options :**

92090616049. 1

92090616050. 2

92090616051. 3

92090616052. 4

**Question Number : 13 Question Id : 9209064062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

In how much time will a sum of ₹ 3,300 become ₹ 3,399 at 6% per annum, interest compounded half yearly?

(1) 6 mnths

(2) 1 year

(3) 1 year 6 months

(4) 2 years

**Options :**

92090616049. 1

92090616050. 2

92090616051. 3

92090616052. 4

**Question Number : 14 Question Id : 9209064063 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

By selling 100 pens, a shopkeeper gains the selling price of 40 pens. Find his gain percent (correct to 2 decimal places) :

(1) 64.47%

(2) 66.67%

(3) 68.80%

(4) 55.59%

**Options :**

92090616053. 1

92090616054. 2

92090616055. 3

92090616056. 4

**Question Number : 14 Question Id : 9209064063 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

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**Options :**

92090616053. 1

92090616054. 2

92090616055. 3

92090616056. 4

**Question Number : 15 Question Id : 9209064064 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Three men and 2 boys can do a piece of work in 10 days, which 2 men and 3 boys can do the same work in 8 days. In how many days can 2 men and 1 boy do the work?

- (1)  $11 \frac{1}{18}$  (2)  $18 \frac{2}{11}$   
(3)  $9 \frac{1}{11}$  (4)  $11 \frac{9}{11}$

**Options :**

92090616057. 1  
92090616058. 2  
92090616059. 3  
92090616060. 4

**Question Number : 15 Question Id : 9209064064 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Three men and 2 boys can do a piece of work in 10 days, which 2 men and 3 boys can do the same work in 8 days. In how many days can 2 men and 1 boy do the work?

- (1)  $11 \frac{1}{18}$  (2)  $18 \frac{2}{11}$   
(3)  $9 \frac{1}{11}$  (4)  $11 \frac{9}{11}$

**Options :**

92090616057. 1  
92090616058. 2  
92090616059. 3  
92090616060. 4

**Question Number : 16 Question Id : 9209064065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Find the number having the same relationship with number given to right 3:81:: 4:?

- (1) 64 (2) 32  
(3) 256 (4) 148

**Options :**

92090616061. 1  
92090616062. 2  
92090616063. 3  
92090616064. 4

**Question Number : 16 Question Id : 9209064065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Find the number having the same relationship with number given to right 3:81:: 4:?

- (1) 64 (2) 32  
(3) 256 (4) 148

**Options :**

92090616061. 1  
92090616062. 2  
92090616063. 3  
92090616064. 4

**Question Number : 17 Question Id : 9209064066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement: Irregularity is a cause for failure in UPSC exam. Some regular students fail in the examinations

- Conclusions: (I) All successful students are not regular.  
(II) All failed students are regular.

- (1) only conclusion (I) follows  
(2) only conclusion (II) follows  
(3) either (II) follows  
(4) neither (I) follows

**Options :**

92090616065. 1  
92090616066. 2  
92090616067. 3  
92090616068. 4

**Question Number : 17 Question Id : 9209064066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement: Irregularity is a cause for failure in UPSC exam. Some regular students fail in the examinations

Conclusions: (I) All successful students are not regular.  
(II) All failed students are regular.

- (1) only conclusion (I) follows
- (2) only conclusion (II) follows
- (3) either (II) follows
- (4) neither (I) follows

**Options :**

- 92090616065. 1
- 92090616066. 2
- 92090616067. 3
- 92090616068. 4

**Question Number : 18 Question Id : 9209064067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Vidushi remember that her husband's birthday is after 19<sup>th</sup> but before 22<sup>nd</sup> December, where as her mother-in-law remembers that the birthday of her son is after 20<sup>th</sup> but before 24<sup>th</sup> December. It both are right. Which day Vidushi husband birthday?

- (1) 23<sup>rd</sup> December
- (2) 22<sup>nd</sup> December
- (3) 21<sup>st</sup> December
- (4) 20<sup>th</sup> December

**Options :**

- 92090616069. 1
- 92090616070. 2
- 92090616071. 3
- 92090616072. 4

**Question Number : 18 Question Id : 9209064067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Vidushi remember that her husband's birthday is after 19<sup>th</sup> but before 22<sup>nd</sup> December, where as her mother-in-law remembers that the birthday of her son is after 20<sup>th</sup> but before 24<sup>th</sup> December. It both are right. Which day Vidushi husband birthday?

- (1) 23<sup>rd</sup> December (2) 22<sup>nd</sup> December  
(3) 21<sup>st</sup> December (4) 20<sup>th</sup> December

**Options :**

92090616069. 1  
92090616070. 2  
92090616071. 3  
92090616072. 4

**Question Number : 19 Question Id : 9209064068 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If SPRING is coded as RTOQQSOMOFH, then the code for MEDIUM will be:

- (1) LNTDEOALM (2) LNICDOALN  
(3) LNICDOALN (4) LINCEOALN

**Options :**

92090616073. 1  
92090616074. 2  
92090616075. 3  
92090616076. 4

**Question Number : 19 Question Id : 9209064068 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If SPRING is coded as RTOQQSOMOFH, then the code for MEDIUM will be:

- (1) LNTDEOALM (2) LNICDOALN  
(3) LNICDOALN (4) LINCEOALN

**Options :**

92090616073. 1  
92090616074. 2  
92090616075. 3  
92090616076. 4

**Question Number : 20 Question Id : 9209064069 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Pointing out to a lady, a girl said, "she is the daughter-in-law of the grand mother of my father only son". How is the lady related to the girl?

- |            |                   |
|------------|-------------------|
| (1) Sister | (2) Sister-in-law |
| (3) Mother | (4) Cousin        |

**Options :**

92090616077. 1

92090616078. 2

92090616079. 3

92090616080. 4

**Question Number : 20 Question Id : 9209064069 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Pointing out to a lady, a girl said, "she is the daughter-in-law of the grand mother of my father only son". How is the lady related to the girl?

- |            |                   |
|------------|-------------------|
| (1) Sister | (2) Sister-in-law |
| (3) Mother | (4) Cousin        |

**Options :**

92090616077. 1

92090616078. 2

92090616079. 3

92090616080. 4

**Question Number : 21 Question Id : 9209064070 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Match List I with List II :

List I (Name of Agencies)	List II (Headquarter)
(A) International Labour Organisation	(I) Vienna
(B) International Atomic Energy Agency	(II) New York
(C) United Nations International children's Emergencey Fund	(III) Singapore
(D) Asia Pacific Economic Cooperation	(IV) Geneva

Choose the correct answer from the options given below:

- (1) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (2) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (4) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)

**Options :**

- 92090616081. 1
- 92090616082. 2
- 92090616083. 3
- 92090616084. 4

**Question Number : 21 Question Id : 9209064070 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II :

List I (Name of Agencies)	List II (Headquarter)
(A) International Labour Organisation	(I) Vienna
(B) International Atomic Energy Agency	(II) New York
(C) United Nations International children's Emergencey Fund	(III) Singapore
(D) Asia Pacific Economic Cooperation	(IV) Geneva

Choose the correct answer from the options given below:

- (1) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (2) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (3) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (4) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)

**Options :**

92090616081. 1
92090616082. 2
92090616083. 3
92090616084. 4

**Question Number : 22 Question Id : 9209064071 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Who was the first women Director General of CSIR?

- |                        |                            |
|------------------------|----------------------------|
| (1) Natalie Zorothova  | (2) Nallathamby Kalaiselvi |
| (3) Aruna Chandrapanth | (4) Visakha Nagarkoti      |

**Options :**

92090616085. 1
92090616086. 2
92090616087. 3
92090616088. 4

**Question Number : 22 Question Id : 9209064071 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Who was the first women Director General of CSIR?

- |                        |                            |
|------------------------|----------------------------|
| (1) Natalie Zorothova  | (2) Nallathamby Kalaiselvi |
| (3) Aruna Chandrapanth | (4) Visakha Nagarkoti      |

**Options :**

- 92090616085. 1
- 92090616086. 2
- 92090616087. 3
- 92090616088. 4

**Question Number : 23 Question Id : 9209064072 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : The Attorreg General is the highest law officer in the country appointed by the president under Article 76 of the constitution.

Statement II : The attorreg General can participate in the proceedings of the parliament with the Right to vetas

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are icorrect
- (3) Statement I is correct but Statement II is icorrect
- (4) Statement I is icorrect but Statement II is correct

**Options :**

- 92090616089. 1
- 92090616090. 2
- 92090616091. 3
- 92090616092. 4

**Question Number : 23 Question Id : 9209064072 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : The Attorreg General is the highest law officer in the country appointed by the president under Article 76 of the constitution.

Statement II : The attorreg General can participate in the proceedings of the parliament with the Right to vetas

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are icorrect
- (3) Statement I is correct but Statement II is icorrect
- (4) Statement I is icorrect but Statement II is correct

**Options :**

92090616089. 1

92090616090. 2

92090616091. 3

92090616092. 4

**Question Number : 24 Question Id : 9209064073 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : National Rural Health Mission (NRHM) was lunched on 22<sup>nd</sup> April, 2008.

Statement II : Objective of NRHM is to reduce Infant mortality Rate and maternal mortality Rate

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

**Options :**

- 92090616093. 1
- 92090616094. 2
- 92090616095. 3
- 92090616096. 4

**Question Number : 24 Question Id : 9209064073 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : National Rural Health Mission (NRHM) was lunched on 22<sup>nd</sup> April, 2008.

Statement II : Objective of NRHM is to reduce Infant mortality Rate and maternal mortality Rate

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

**Options :**

- 92090616093. 1
- 92090616094. 2
- 92090616095. 3
- 92090616096. 4

**Question Number : 25 Question Id : 9209064074 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which country's tennis team has won the DAVIS CUP 2022 tittle?

- |               |             |
|---------------|-------------|
| (1) Australia | (2) Croatia |
| (3) Spain     | (4) Cannada |

**Options :**

- 92090616097. 1
- 92090616098. 2
- 92090616099. 3
- 92090616100. 4

**Question Number : 25 Question Id : 9209064074 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which country's tennis team has won the DAVIS CUP 2022 tittle?

- (1) Australia (2) Croatia  
(3) Spain (4) Cannada

**Options :**

92090616097. 1

92090616098. 2

92090616099. 3

92090616100. 4

## **Part B: Economics**

<b>Section Id :</b>	92090682
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	75
<b>Number of Questions to be attempted :</b>	75
<b>Section Marks :</b>	300
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	920906133
<b>Question Shuffling Allowed :</b>	Yes
<b>Is Section Default? :</b>	null

**Question Number : 26 Question Id : 9209064075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : In the simple linear regression model with an intercept, the regression slope when multiplied by the explanatory variable X will give the predicted Y.

Statement—II : In the simple linear regression model, the regression slope indicates by how many units Y increases, given a one-unit increase in X.

In the light of the above statements, choose the *most appropriate answer* from the options given below :

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

92090616101. 1  
92090616102. 2  
92090616103. 3  
92090616104. 4

**Question Number : 26 Question Id : 9209064075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : अन्तःखण्ड के साथ साधारण रेखिक समाश्रयण मॉडल में समाश्रयण ढाल को जब व्याख्यात्मक द्वारा चर X गुणित किया जाता है तो पूर्णानुमेय Y प्राप्त होगा।

कथन II : साधारण रेखिक प्रतिगमन प्रतिरूप में समाश्रयण ढाल दर्शाता है कि X में एक-इकाई वृद्धि होने पर Y में कितने इकाइयों की वृद्धि होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और कथन II दोनों सत्य हैं।
- (2) कथन I और कथन II दोनों असत्य हैं।
- (3) कथन I सत्य है, लेकिन कथन II असत्य है।
- (4) कथन I असत्य है, लेकिन कथन II सत्य है।



**Options :**

- 92090616101. 1
- 92090616102. 2
- 92090616103. 3
- 92090616104. 4

**Question Number : 27 Question Id : 9209064076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is the principal operating instrument of monetary policy of RBI currently?

- 1. Repo rate
- 2. Bank rate
- 3. Cash Reserve Ratio (CRR)
- 4. Statutory Liquidity Ratio (SLR)

**Options :**

- 92090616105. 1
- 92090616106. 2
- 92090616107. 3
- 92090616108. 4

**Question Number : 27 Question Id : 9209064076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

वर्तमान में निम्नलिखित में से कौन-सा आर.बी.आई. की मौद्रिक नीति का मुख्य प्रचालन उपकरण है?

- |                             |                                 |
|-----------------------------|---------------------------------|
| (1) रेपो दर                 | (2) बैंक दर                     |
| (3) नगद आरक्षी अनुपात (CRR) | (4) सांविधिक तरलता अनुपात (SLR) |

**Options :**

- 92090616105. 1
- 92090616106. 2
- 92090616107. 3
- 92090616108. 4

**Question Number : 28 Question Id : 9209064077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A function is strictly concave in the interval  $I$ , if for all  $a, b \in I$  and  $\lambda \in (0, 1)$

1.  $f[(1-\lambda)a + \lambda b] > (1-\lambda)f(a) + \lambda f(b)$
2.  $f[(1-\lambda)a + \lambda b] < (1-\lambda)f(a) + \lambda f(b)$
3.  $f[(1-\lambda)a + \lambda b] \geq (1-\lambda)f(a) + \lambda f(b)$
4.  $f[(1-\lambda)a + \lambda b] \leq (1-\lambda)f(a) + \lambda f(b)$

**Options :**

92090616109. 1  
92090616110. 2  
92090616111. 3  
92090616112. 4

**Question Number : 28 Question Id : 9209064077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

अंतराल  $I$  में फलन सख्ततः नतोदर है, यदि सभी  $a, b \in I$  और  $\lambda \in (0, 1)$  के लिए -

- |   |   |
|---|---|
| (1) $f[(1-\lambda)a + \lambda b] \geq (1-\lambda)f(a) + \lambda f(b)$ | (2) $f[(1-\lambda)a + \lambda b] \leq (1-\lambda)f(a) + \lambda f(b)$ |
| (3) $f((1-\lambda)a - \lambda b) \geq (1-\lambda)a + \lambda b$       | (4) $f((1-\lambda)a + \lambda b) \leq \lambda a + \lambda b$          |

**Options :**

92090616109. 1  
92090616110. 2  
92090616111. 3  
92090616112. 4

**Question Number : 29 Question Id : 9209064078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which body decides the share of states in the tax revenues of the Centre in India?

1. NITI Aayog
2. Ministry of Finance
3. Finance Commission
4. Pay Commission

**Options :**

92090616113. 1  
92090616114. 2  
92090616115. 3  
92090616116. 4

**Question Number : 29 Question Id : 9209064078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

भारत में केन्द्र के कर-राजस्व में राज्यों की हिस्सेदारी को निम्नलिखित में से कौन-सा निकाय निर्धारित करता है ?

- |                |                    |
|----------------|--------------------|
| (1) नीति आयोग  | (2) वित्त मंत्रालय |
| (3) वित्त आयोग | (4) वेतन आयोग      |

**Options :**

92090616113. 1  
92090616114. 2  
92090616115. 3  
92090616116. 4

**Question Number : 30 Question Id : 9209064079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Daniel Thorner referred to colonial investment in \_\_\_\_\_ as "private investment at public risk".

1. cotton textiles
2. iron and steel
3. railways
4. agriculture

**Options :**

- 92090616117. 1
- 92090616118. 2
- 92090616119. 3
- 92090616120. 4

**Question Number : 30 Question Id : 9209064079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ में औपनिवेशिक उपनिवेश को डेनियल थार्नर ने "सार्वजनिक जोखिम पर निजी निवेश" संदर्भित किया।

- |                 |                   |
|-----------------|-------------------|
| (1) सूती वस्त्र | (2) लौह और इस्पात |
| (3) रेत         | (4) कृषि          |

**Options :**

- 92090616117. 1
- 92090616118. 2
- 92090616119. 3
- 92090616120. 4

**Question Number : 31 Question Id : 9209064080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

In correlation analysis, we measure the

1. degree of linear association between two variables
2. degree of causation between two variables
3. predictability of two variables
4. regression between two variables

**Options :**

- 92090616121. 1
- 92090616122. 2
- 92090616123. 3
- 92090616124. 4

**Question Number : 31 Question Id : 9209064080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सह संबंध विश्लेषण में, हम मापन करते हैं -

- (1) दो चरों के बीच रेखिक सम्बन्ध की मात्रा (डिग्री) का
- (2) दो चरों के बीच कार्य-कारण संबंध की मात्रा (डिग्री) का
- (3) दो चरों के बीच पूर्वानुमेयता का
- (4) दो चरों के बीच समाश्रयण का

**Options :**

92090616121. 1
92090616122. 2
92090616123. 3
92090616124. 4

**Question Number : 32 Question Id : 9209064081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given the assumptions of the classical linear regression model, the ordinary least square estimators possess some optimum properties—given in the Gauss-Markov theorem. Which of the following is not a part of this theorem?

1. The slope estimator  $\hat{\beta}_2$  is a linear function of random variables
2. The expected value of  $\hat{\beta}_2$  is equal to zero
3. No linear unbiased estimator has lower variance than that of  $\hat{\beta}_2$
4. The estimator  $\hat{\beta}_2$  is an unbiased estimator of  $\beta_2$

**Options :**

92090616125. 1
92090616126. 2
92090616127. 3
92090616128. 4

**Question Number : 32 Question Id : 9209064081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

परंपरागत रेखीय समाश्रयण मॉडल की मान्यताओं के तहत साधारण न्यूनतम वर्ग प्राक्कलक में कुछ इष्टतम गुण हैं - जो कि गॉस मार्कोव प्रमेय में प्रदत्त हैं। निम्नलिखित में से कौन सा इस सिद्धांत का भाग नहीं है?

- (1) ढाल प्राक्कलक  $\beta_2$  यादृच्छिक चरों का रेखिक फलन है।
- (2)  $\beta_2$  का प्रत्याशित मान शून्य के बराबर होता है।
- (3) किसी भी निष्पक्ष (अनभिनत) रेखिक आकलक का प्रसरण,  $\beta_2$  के प्रसरण से कम नहीं होता है।
- (4) प्राक्कलक  $\beta_2$ ,  $\beta_2$  का एक निष्पक्ष (अनभिनत) प्राक्कलक है।

**Options :**

92090616125. 1
92090616126. 2
92090616127. 3
92090616128. 4

**Question Number : 33 Question Id : 9209064082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The fiscal deficit, revenue deficit and interest payments of a country are R 53,344, R 34,355 and R 10,144 crores respectively. What is the primary deficit?

1. R 43,200 crores
2. R 24,211 crores
3. R 44,499 crores
4. R 10,144 crores

**Options :**

92090616129. 1
92090616130. 2
92090616131. 3
92090616132. 4

**Question Number : 33 Question Id : 9209064082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

किसी देश का राजकोषीय घाटा, राजस्व घाटा और ब्याज भुगतान क्रमशः 53,344 रु., 34,355 रु. और 10,144 रु. करोड़ है। प्राथमिक घाटा क्या है?

- (1) 43,200 करोड़ रुपया (2) 24,211 करोड़ रुपया  
(3) 44,499 करोड़ रुपया (4) 10,144 करोड़ रुपया

**Options :**

92090616129. 1  
92090616130. 2  
92090616131. 3  
92090616132. 4

**Question Number : 34 Question Id : 9209064083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

For the utility function  $u(x, y) = xy$  and given budget constraint  $M = p_x x + p_y y$ , what is the optimum bundle of consumption of  $x$  and  $y$ ?

1.  $\left( \frac{M}{P_x}, \frac{M}{P_y} \right)$   
2.  $\left( \frac{M}{2P_x}, \frac{M}{2P_y} \right)$   
3.  $\left( \frac{M}{P_y}, \frac{M}{P_x} \right)$   
4.  $\left( \frac{M}{2P_y}, \frac{M}{2P_x} \right)$

**Options :**

92090616133. 1  
92090616134. 2  
92090616135. 3  
92090616136. 4

**Question Number : 34 Question Id : 9209064083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

$u(x, y) = xy$  उपयोगिता फलन और दी गई बजट बाध्यता  $M = p_x x + p_y y$  के लिए  $x$  और  $y$  के उपभोग का इष्टतम समूह क्या है?

(1)  $\left( \frac{M}{P_x}, \frac{M}{P_y} \right)$

(2)  $\left( \frac{M}{2P_x}, \frac{M}{2P_y} \right)$

(3)  $\left( \frac{M}{P_y}, \frac{M}{P_x} \right)$

(4)  $\left( \frac{M}{2P_y}, \frac{M}{2P_x} \right)$

**Options :**

92090616133. 1

92090616134. 2

92090616135. 3

92090616136. 4

**Question Number : 35 Question Id : 9209064084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The expansion path identifies

1. the least-cost combination of inputs required to produce various levels of output
2. the firm's demand curve for inputs
3. the various combinations of inputs that can be used to produce a given level of output
4. the least-cost combination of outputs

**Options :**

92090616137. 1

92090616138. 2

92090616139. 3

92090616140. 4

**Question Number : 35 Question Id : 9209064084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



विस्तार पथ चिह्नित करता है -

- (1) उत्पाद के विभिन्न स्तरों के उत्पादन के लिए आवश्यक आगतों का न्यूनतम लागत संयोजन।
- (2) आगतों के लिए फर्म का मांग वक्र।
- (3) आगतों के विभिन्न संयोजन जिनका उपयोग दिए गए उत्पादन स्तर के लिए किया जा सकता है।
- (4) उत्पादों का न्यूनतम-लागत संयोजन।

**Options :**

- 92090616137. 1
- 92090616138. 2
- 92090616139. 3
- 92090616140. 4

**Question Number : 36 Question Id : 9209064085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The data on State Domestic Product are collected for one state of India for the period 1990 to 2010. Such a dataset is an example of:

1. cross-sectional data
2. time series data
3. pooled data
4. panel data

**Options :**

- 92090616141. 1
- 92090616142. 2
- 92090616143. 3
- 92090616144. 4

**Question Number : 36 Question Id : 9209064085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

1990 से 2010 तक की समयावधि के लिए भारत के एक राज्य के राज्य घरेलू उत्पाद के आँकड़े एकत्र किये गए हैं। यह समूह निम्न प्रकार के आँकड़ों का उदाहरण है:

- |   |                       |
|---|-----------------------|
| (1) तिर्यक वर्गीय आँकड़े (अनुप्रस्थ आँकड़े) | (2) काल श्रेणी आँकड़े |
| (3) समूहित आँकड़े                           | (4) पैनल आँकड़े       |

**Options :**

92090616141. 1  
92090616142. 2  
92090616143. 3  
92090616144. 4

**Question Number : 37 Question Id : 9209064086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : In the short-run, the rising part of the marginal cost curve is due to diminishing marginal product.

Statement—II : In the short-run, the falling part of the marginal cost curve implies existence of diminishing marginal product.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616145. 1  
92090616146. 2  
92090616147. 3  
92090616148. 4

**Question Number : 37 Question Id : 9209064086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : अल्पावधि में सीमांत लागत वक्र का बढ़ता भाग ह्रासमान सीमांत उत्पाद के कारण होता है।

कथन II : अल्पावधि में सीमांत लागत वक्र का गिरता भाग ह्रासमान सीमांत उत्पाद की विद्यमानता को दर्शाता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

92090616145. 1  
92090616146. 2  
92090616147. 3  
92090616148. 4

**Question Number : 38 Question Id : 9209064087 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

**Assertion (A) :** Coase theorem states that as long as property rights are defined and enforced, bargaining between parties can ensure an efficient outcome in the presence of externalities.

**Reason (R) :** The assignment of property rights with bargaining among parties can resolve externality problems, when the number of parties involved is large.

In the light of the above statements, choose the *most appropriate answer* from the options given below :

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

**Options :**

92090616149. 1

92090616150. 2

92090616151. 3

92090616152. 4

**Question Number : 38 Question Id : 9209064087 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : कोसे सिद्धांत कहता है कि जब तक संपत्ति अधिकारों को परिभाषित और प्रवर्तित किया जाता है, पक्षकारों के बीच सौदेबाजी बाह्यताओं की उपस्थिति में दक्षतम परिणाम सुनिश्चित कर सकती है।

कारण (R) : पक्षकारों के मध्य सौदेबाजी के साथ संपत्ति अधिकारों का आवंटन बाह्यता समस्याओं का समाधान कर सकता है, जब संलग्न पक्षकारों की संख्या अधिक हो।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सर्वाधिक उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616149. 1

92090616150. 2

92090616151. 3

92090616152. 4

**Question Number : 39 Question Id : 9209064088 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Consider an economy with perfect capital mobility, fixed price level and fixed exchange rate. What will be the effect of a rise in foreign interest rate on output of this economy?

1. Rise
2. Decline
3. No change
4. Can't say

**Options :**

- 92090616153. 1
- 92090616154. 2
- 92090616155. 3
- 92090616156. 4

**Question Number : 39 Question Id : 9209064088 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पूर्ण पूंजी संचलन, स्थिर कीमत और स्थिर विनियम दर वाली एक अर्थव्यवस्था पर विचार कीजिए। विदेशी ब्याज दर के परिणाम स्वरूप इस अर्थव्यवस्था के उत्पाद में वृद्धि पर क्या प्रभाव होगा ?

- |                       |                  |
|-----------------------|------------------|
| (1) वृद्धि            | (2) गिरावट       |
| (3) कोई परिवर्तन नहीं | (4) कह नहीं सकते |

**Options :**

- 92090616153. 1
- 92090616154. 2
- 92090616155. 3
- 92090616156. 4

**Question Number : 40 Question Id : 9209064089 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	The shape of an indifference curve for two bads	(I)	Horizontal, parallel to X-axis, utility rises as move to a lower indifference curve
(B)	The shape of an indifference curve for one good and one bad	(II)	Concave to the origin
(C)	The shape of an indifference curve for one good Y and one neutral X	(III)	Upward sloping
(D)	The shape of an indifference curve for one bad Y and one neutral X	(IV)	Horizontal, parallel to X-axis, utility higher for a higher indifference curve

Choose the *correct answer* from the options given below :

1. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
2. (A)–(II); (B)–(III); (C)–(IV); (D)–(I)
3. (A)–(III); (B)–(II); (C)–(I); (D)–(IV)
4. (A)–(IV); (B)–(I); (C)–(III); (D)–(II)

**Options :**

92090616157. 1  
92090616158. 2  
92090616159. 3  
92090616160. 4

**Question Number : 40 Question Id : 9209064089 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I को सूची-II से सुमेलित कीजिए :

सूची-I	सूची-II
(A) दो अप्राप्यों के लिए तटस्थता चक्र की आकृति	(I) क्षैतिज, अक्ष के समानांतर, एक निम्नतर तटस्थता चक्र पर जाने पर उपयोगिता बढ़ती है।
(B) एक प्राप्य और एक अप्राप्य के लिए तटस्थता चक्र की आकृति	(II) स्रोत के नतोदर।
(C) एक प्राप्य Y और एक उदासीन X के लिए तटस्थता चक्र की आकृति	(III) ऊपर की ओर ढाल वाला।
(D) एक अप्राप्य Y और एक उदासीन X के लिए तटस्थता चक्र की आकृति	(IV) क्षैतिज, अक्ष के समानांतर, एक उच्चतर तटस्थता चक्र पर जाने पर उपयोगिता बढ़ती है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
- (2) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)

**Options :**

92090616157. 1
92090616158. 2
92090616159. 3
92090616160. 4

**Question Number : 41 Question Id : 9209064090 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	<i>Evolution of Provincial Finance in British India</i>	(I)	M. K. Gandhi
(B)	<i>Essays on Indian Economics</i>	(II)	B. R. Ambedkar
(C)	<i>Hind Swaraj</i>	(III)	Dadabhai Naoroji
(D)	<i>Poverty and Un-British Rule in India</i>	(IV)	Mahadev Govind Ranade

Choose the *correct answer* from the options given below :

1. (A)–(IV); (B)–(II); (C)–(III); (D)–(I)
2. (A)–(II); (B)–(IV); (C)–(I); (D)–(III)
3. (A)–(IV); (B)–(III); (C)–(II); (D)–(I)
4. (A)–(II); (B)–(I); (C)–(III); (D)–(IV)

**Options :**

92090616161. 1  
92090616162. 2  
92090616163. 3  
92090616164. 4

**Question Number : 41 Question Id : 9209064090 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



सूची-I को सूची-II से सुमेलित कीजिए :

सूची-I	सूची-II
(A) इवोल्यूशन ऑफ प्रोविंसिपल फाइनेंस इन ब्रिटिश इंडिया	(I) एम.के. गांधी
(B) एसेज ऑन इंडियन इकोनॉमिक्स	(II) बी.आर. अंबेडकर
(C) हिन्द स्वराज	(III) दादाभाई नौरोजी
(D) पावर्टीएंड अन ब्रिटिश रूल इन इंडिया	(IV) महादेव गोविंद रानाडे

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
- (2) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)
- (3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
- (4) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)

**Options :**

92090616161. 1
92090616162. 2
92090616163. 3
92090616164. 4

**Question Number : 42 Question Id : 9209064091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	Mode	(I)	Measure of sampling variability
(B)	Quartile deviation	(II)	Measure of strength of linear relation
(C)	Correlation coefficient	(III)	Measure of central tendency
(D)	Standard error	(IV)	Measure of dispersion

Choose the *correct answer* from the options given below :

1. (A)–(III); (B)–(II); (C)–(I); (D)–(IV)
2. (A)–(IV); (B)–(III); (C)–(I); (D)–(II)
3. (A)–(III); (B)–(IV); (C)–(II); (D)–(I)
4. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)

**Options :**

92090616165. 1  
92090616166. 2  
92090616167. 3  
92090616168. 4

**Question Number : 42 Question Id : 9209064091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I को सूची-II से सुमेलित कीजिए :

सूची-I	सूची-II
(A) बहुलक	(I) प्रतिदर्श परिवर्तनशीलता का मापन
(B) चतुर्थांश विचलन	(II) रैखिक संबंध की शक्ति का मापन
(C) सहसंबंध गुणांक	(III) केन्द्रीय प्रवृत्ति का मापन
(D) मानक त्रुटि	(IV) प्रकीर्णन का मापन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (2) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (3) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (4) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)

**Options :**

- 92090616165. 1
- 92090616166. 2
- 92090616167. 3
- 92090616168. 4

**Question Number : 43 Question Id : 9209064092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A general linear programming problem which is a maximization problem in two decision variables ( $x_1$  and  $x_2$ ) and two resource constraints ( $b_1$  and  $b_2$ ) can be set up in the following way :

- A. Specify the inequality constraints also known as the resource constraints as  $a_{11}x_1 + a_{12}x_2 \leq b_1$  and  $a_{21}x_1 + a_{22}x_2 \leq b_2$ ; and non-negativity constraints:  $x_1 \geq 0, x_2 \geq 0$ .
- B. Solve the problem and plot the constraints on a graph in  $(x_1, x_2)$  space to define the feasible solution.
- C. Specify the criterion function which involves maximizing a linear function:  
 $\max z = c_1x_1 + c_2x_2$ .
- D. The optimal solutions given by  $(x_1^*, x_2^*)$  can be used to find the maximum value of the objective function  $z^*$ .

Choose the *correct answer* from the options given below :

- 1. D, A, B, C
- 2. C, A, B, D
- 3. C, B, D, A
- 4. D, C, B, A

**Options :**

- 92090616169. 1
- 92090616170. 2
- 92090616171. 3
- 92090616172. 4

**Question Number : 43 Question Id : 9209064092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सामान्य रेखीय प्रोग्रामिंग समस्या जो दो निर्णय चरों ( $x_1$  और  $x_2$ ) और दो संसाधन बाध्यताओं ( $b_1$  और  $b_2$ ) में अधिकतमीकरण समस्या है, को निम्नलिखित रीति से स्थापित किया जा सकता है।

- (A) असमिक बाध्यताओं जिन्हें संसाधन बाध्यताएं भी कहा जाता है।  $a_{11}x_1 + a_{12}x_2 \leq b_1$  और  $a_{21}x_1 + a_{22}x_2 \leq b_2$  संसाधन बाध्यताओं और गैर ऋणत्मकता  $x_1 \geq 0$ ,  $x_2 \geq 0$  को विनिर्दिष्ट करना।
- (B) समस्या को हल करना और व्यवहार्य हल को परिभाषित करने के लिए ( $x_1$ ,  $x_2$ ) समाप्ति में ग्राफ पर बाध्यताओं का निरूपण।
- (C) अर्दक फलन का विनिर्देशन करना जिसमें रेखीय फलन का अधिकतमीकरण निहित है:  $\max z = c_1x_1 + c_2x_2$
- (D)  $(x_1^*, x_2^*)$  द्वारा प्रदत्त इष्टतम हलों का उपयोग वस्तुनिष्ठ फलन का अधिकतम मान  $z^*$  ज्ञात करने में किया जा सकता ?

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (D), (A), (B), (C)
- (2) (C), (A), (B), (D)
- (3) (C), (B), (D), (A)
- (4) (D), (C), (B), (A)

**Options :**

92090616169. 1
92090616170. 2
92090616171. 3
92090616172. 4

**Question Number : 44 Question Id : 9209064093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the following in chronological order starting with the earliest :

- A. Nationalization of banks
- B. Establishment of RBI
- C. Launch of MNREGA
- D. Second Five Year Plan
- E. Establishment of SEBI

Choose the *correct answer* from the options given below :

- 1. D, A, B, E, C
- 2. B, D, A, E, C
- 3. D, A, B, C, E
- 4. D, B, A, E, C

**Options :**

- 92090616173. 1
- 92090616174. 2
- 92090616175. 3
- 92090616176. 4

**Question Number : 44 Question Id : 9209064093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सबसे पहले होने वाले से शुरू करके कालक्रमानुसार निम्नलिखित को व्यवस्थित कीजिए।

- (A) बैंकों का राष्ट्रीयकरण
- (B) RBI की स्थापना
- (C) मनरेगा की शुरुआत
- (D) दूसरी पंचवर्षीय योजना
- (E) सेबी की स्थापना

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (D), (A), (B), (E), (C)
- (2) (B), (D), (A), (E), (C)
- (3) (D), (A), (B), (C), (E)
- (4) (D), (B), (A), (E), (C)

**Options :**

- 92090616173. 1
- 92090616174. 2
- 92090616175. 3
- 92090616176. 4

**Question Number : 45 Question Id : 9209064094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the books in chronological order of publication :

- A. Theories of Surplus Value
- B. The General Theory of Employment, Interest and Money
- C. On the Principles of Political Economy and Taxation
- D. An Inquiry into the Nature and Causes of the Wealth of Nations

Choose the *correct answer* from the options given below :

- 1. A, B, C, D
- 2. D, C, A, B
- 3. B, A, C, D
- 4. C, B, D, A

**Options :**

- 92090616177. 1
- 92090616178. 2
- 92090616179. 3
- 92090616180. 4

**Question Number : 45 Question Id : 9209064094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पुस्तकों को उनके प्रकाशन के कालक्रमानुसार व्यवस्थित कीजिए।

- (A) थ्योटीज ऑफ सरप्लस वैल्यू
- (B) द जनरल थ्योरी ऑफ एम्प्लॉयमेंट, इंटरैस्ट एंड मनी
- (C) आन द प्रिंसिपल्स ऑफ पॉलिटिकल इकोनॉमी एंड टैक्सेशन
- (D) इन इन्क्वायरी इन टू द नेचर एंड काउंजेज ऑफ वेल्थ ऑफ नेशंस

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A), (B), (C), (D)
- (2) (D), (C), (A), (B)
- (3) (B), (A), (C), (D)
- (4) (C), (B), (D), (A)

**Options :**

- 92090616177. 1
- 92090616178. 2
- 92090616179. 3
- 92090616180. 4

**Question Number : 46 Question Id : 9209064095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R):

Assertion (A) : The inverse of  $y = f(x) = e^x$  exists for all  $x > 0$ .

Reason (R) :  $f(x)$  is differentiable and monotonic for all  $x > 0$ .

In the light of the above statements, choose the *correct answer* from the options given below :

- 1. Both (A) and (R) are true and (R) is the correct explanation of (A)
- 2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- 3. (A) is true but (R) is false
- 4. (A) is false but (R) is true

**Options :**

- 92090616181. 1

92090616182. 2

92090616183. 3

92090616184. 4

**Question Number : 46 Question Id : 9209064095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : सभी  $x > 0$  के लिए  $y = f(x) = e^x$  का प्रतिलोम विद्यमान है।

कारण (R) : सभी  $x$  के लिए  $f(x)$  अवकलनीय और एक दिशीय है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616181. 1

92090616182. 2

92090616183. 3

92090616184. 4

**Question Number : 47 Question Id : 9209064096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : According to the first theorem of welfare economics, a competitive equilibrium is Pareto efficient.

Reason (R) : According to the Walras law, the value of aggregate excess demand is zero for all prices.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

**Options :**

92090616185. 1

92090616186. 2

92090616187. 3

92090616188. 4

**Question Number : 47 Question Id : 9209064096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : कल्याण अर्थशास्त्र के प्रथम सिद्धांत के अनुसार-एक प्रतिस्पर्धी सन्तुलन पारेटो-दक्ष है।

कारण (R) : वालरस के नियम के अनुसार सभी कीमतों के लिए समग्र अतिरिक्त मांग की मान शून्य होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616185. 1

92090616186. 2

92090616187. 3

92090616188. 4

**Question Number : 48 Question Id : 9209064097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R):

Assertion (A) : A club good is non-rival and excludable in consumption.

Reason (R) : A public good is non-rival and non-excludable in consumption.

In the light of the above statements, choose the *most appropriate answer* from the options given below :

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

**Options :**

92090616189. 1

92090616190. 2

92090616191. 3

92090616192. 4

**Question Number : 48 Question Id : 9209064097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : एक युग्मित क्लब वस्तु उपभोग में गैर-प्रतिस्पर्धी और अपवर्जनीय है।

कारण (R) : एक सार्वजनिक वस्तु खपत में गैर प्रतिस्पर्धी और गैर-अपवर्जनीय है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616189. 1
92090616190. 2
92090616191. 3
92090616192. 4

**Question Number : 49 Question Id : 9209064098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : While calculating GDP using the expenditure approach, the value of imports is subtracted.

Reason (R) : Imports are included when value of consumption and other components of expenditure are calculated.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

**Options :**

92090616193. 1
92090616194. 2
92090616195. 3

**Question Number : 49 Question Id : 9209064098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : व्यय उपागम का उपयोग करते हुए जब जी डी पी की गणना की जाती है तो आयात की कीमत घटाई जाती है।

कारण (R) : जब उपभोग और व्यय के अन्य अवयवों के मानों की गणना की जाती है तो आयात को शामिल किया जाता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616193. 1

92090616194. 2

92090616195. 3

92090616196. 4

**Question Number : 50 Question Id : 9209064099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R):

Assertion (A) : For a differential equation  $\dot{x} + ax = b$  for  $a \neq 0$ ,  $F(x) = \dot{x} = b - ax$  and the equilibrium is at  $x = \frac{b}{a}$ . This equilibrium is stable for  $a > 0$ .

Reason (R) : The equilibrium is obtained for  $\dot{x} = b - ax = 0$  or  $x = \frac{b}{a}$ . Stability is obtained when  $F'(x)$  is  $< 0$ . Here  $F'(x) = -a$  and so the equilibrium is stable if  $a > 0$ .

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

**Options :**

92090616197. 1

92090616198. 2

92090616199. 3

92090616200. 4

**Question Number : 50 Question Id : 9209064099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं : एक अभिकथन (Assertion (A)) के रूप में लिखित है तो दूसरा उसके कारण (Reasons (R)) के रूप में :

अभिकथन (A) : एक अवकलनीय समीकरण  $\dot{x} + ax = b$  में  $a \neq 0$  के लिए  $\dot{x} = F(x) = b - ax$  और सन्तुलन  $x = \frac{b}{a}$  पर है। यह सन्तुलन  $a > 0$  के लिए स्थायी है।

कारण (R) : सन्तुलन अवस्था  $\dot{x} = b - ax = 0$  या  $x = \frac{b}{a}$  पर प्राप्त होती है। जब  $F'(x) = 0$  है, तो स्थायित्व प्राप्त होता है। यहाँ  $F'(x) = -a$  अतः यदि  $a > 0$  तो सन्तुलन स्थायी है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) (A) और (R) दोनों सही हैं और (R), (A) की सही व्याख्या है
- (2) (A) और (R) दोनों सही हैं, लेकिन (R), (A) की सही व्याख्या नहीं है
- (3) (A) सही है, लेकिन (R) सही नहीं है
- (4) (A) सही नहीं है, लेकिन (R) सही है

**Options :**

92090616197. 1

92090616198. 2

92090616199. 3

92090616200. 4

**Question Number : 51 Question Id : 9209064100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : When the demand curve shifts : if the supply curve is steeper, then the price change is larger and the change in the amount bought and sold is smaller, as compared to the flatter supply curve.

Statement—II : When the supply curve shifts : if the demand curve is steeper, then the price change is larger and the change in the amount bought and sold is smaller, as compared to the flatter demand curve.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616201. 1

92090616202. 2

92090616203. 3

92090616204. 4

**Question Number : 51 Question Id : 9209064100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : जब मांग वक्र स्थानांतरित होता है: यदि आपूर्ति वक्र अतिप्रवणकारी हो तो कम प्रणवकारी कीमत परिवर्तन अधिक होता है और आपूर्ति वक्र की स्थिति की तुलना में वस्तु की क्रय और विक्रय की गई मात्रा में परिवर्तन कम होता है।

कथन II : जब आपूर्ति वक्र स्थानांतरित होता है: यदि मांग वक्र अतिप्रवणकारी हो तो कम प्रणवकारी मांग वक्र की स्थिति की तुलना में कीमत परिवर्तन अधिक होता है और वस्तु की क्रय और विक्रय की गई मात्रा में परिवर्तन कम होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

92090616201. 1  
92090616202. 2  
92090616203. 3  
92090616204. 4

**Question Number : 52 Question Id : 9209064101 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements :

Statement—I : Let  $(x_1, x_2)$  be the chosen bundle when prices are  $(p_1, p_2)$  and let  $(y_1, y_2)$  is some other bundle such that  $p_1x_1 + p_2x_2 \geq p_1y_1 + p_2y_2$ . Then if the consumer is choosing the most preferred bundle she can afford, we must have  $(x_1, x_2) > (y_1, y_2)$ .

Statement—II : If one bundle is chosen when another could have been chosen, we can say that the first bundle is revealed preferred to the second.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616205. 1

92090616206. 2

92090616207. 3

92090616208. 4

**Question Number : 52 Question Id : 9209064101 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : माना कि  $(x_1, x_2)$  चयनित समूह हैं जब मूल्य  $(p_1, p_2)$  हैं और माना  $(y_1, y_2)$  दूसरा अन्य समूह है, जिस हेतु  $p_1x_1 + p_2x_2 \geq p_1y_1 + p_2y_2$  हैं तब यदि उपभोक्ता अपने द्वारा वहनीय सर्वाधिक उचित समूह का चयन करता है, तो  $(x_1, x_2) > (y_1, y_2)$  होना चाहिए।

कथन II : जब एक समूह का चयन किया जाता है जबकि दूसरे का चयन किया जा सकता था, हम कह सकते हैं कि प्रथम समूह पर दूसरे की तुलना में प्राथमिकता उजागर की गई।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

92090616205. 1

92090616206. 2

92090616207. 3

92090616208. 4

**Question Number : 53 Question Id : 9209064102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : In 2020 a farmer purchased 5 new tractors at ₹ 2,00,000 each. He sold his 5 old tractors to other farmers for ₹ 50,000 each in same year. The net increase in GDP 2020 due to these transactions was ₹ 12,50,000.

Statement—II : In 2020 a farmer purchased 5 new tractors at ₹ 2,00,000 each. He sold his 5 old tractors to other farmers for ₹ 50,000 each in same year. The net increase in GDP of year 2020 due to these transactions was ₹ 10,00,000.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616209. 1

92090616210. 2

92090616211. 3

92090616212. 4

**Question Number : 53 Question Id : 9209064102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : 2020 में एक किसान ने 2,00,000 रुपये प्रति ट्रैक्टर की दर से 5 नए ट्रैक्टर खरीदे। उसी वर्ष उसने 5 पुराने ट्रैक्टर 50,000 रुपये की दर से दूसरे किसानों को बेच दिये। इन लेनदेनों से 2020 की जीडीपी में कुल वृद्धि 12,50,000 रुपये थी।

कथन II : 2020 में एक किसान ने 2,00,000 रुपये प्रति ट्रैक्टर की दर से 5 नए ट्रैक्टर खरीदे। उसी वर्ष उसने 5 पुराने ट्रैक्टर 50,000 रुपये की दर से दूसरे किसानों को बेच दिये। इन अंतरणों से 2020 की जीडीपी में कुल वृद्धि 10,00,000 रुपये थी।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

92090616209. 1  
92090616210. 2  
92090616211. 3  
92090616212. 4

**Question Number : 54 Question Id : 9209064103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : The price consumption curve is negatively sloped for a Giffen good.

Statement—II : All Giffen goods are inferior goods but all inferior goods are not Giffen goods.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616213. 1  
92090616214. 2  
92090616215. 3  
92090616216. 4

**Question Number : 54 Question Id : 9209064103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : गिफिन वस्तुओं के लिए कीमत उपभोग वक्र नकारात्मक ढलान युक्त है।

कथन II : सभी गिफिन वस्तुएं घटिया वस्तुएं हैं किन्तु सभी घटिया वस्तुएं गिफिन वस्तुएं नहीं हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

**Options :**

92090616213. 1  
92090616214. 2  
92090616215. 3  
92090616216. 4

**Question Number : 55 Question Id : 9209064104 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : When the economy is in liquidity trap, the LM curve is horizontal.

Statement—II : Fiscal policy is ineffective when the economy is in liquidity trap.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616217. 1

92090616218. 2

92090616219. 3

92090616220. 4

**Question Number : 55 Question Id : 9209064104 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : जब अर्थव्यवस्था तरलता-जाल में होती है तो LM वक्र क्षैतिज होता है।

कथन II : जब अर्थव्यवस्था तरलता-जाल में होती है तो राजकोषीय नीति निष्प्रभावी होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सही हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सही है, लेकिन कथन II गलत है
- (4) कथन I गलत है, लेकिन कथन II सही है

**Options :**

92090616217. 1

92090616218. 2

92090616219. 3

92090616220. 4

**Question Number : 56 Question Id : 9209064105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	Cournot Nash equilibrium	(I)	Price leadership model
(B)	Stackelberg model	(II)	Non-collusive
(C)	Kinked-demand curve model	(III)	First-mover advantage fixing quantities
(D)	Bertrand model	(IV)	Price-rigidity model

Choose the *correct answer* from the options given below :

1. (A)–(I); (B)–(IV); (C)–(III); (D)–(II)
2. (A)–(IV); (B)–(II); (C)–(III); (D)–(I)
3. (A)–(I); (B)–(III); (C)–(II); (D)–(IV)
4. (A)–(II); (B)–(III); (C)–(IV); (D)–(I)

**Options :**

92090616221. 1

92090616222. 2

92090616223. 3

92090616224. 4

**Question Number : 56 Question Id : 9209064105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I के साथ सूची-II का मिलान कीजिए :

सूची-I	सूची-II
(A) कूर्नोट नैश संतुलन	(I) कीमत नेतृत्व मॉडल
(B) स्टैकलबर्ग मॉडल	(II) गैर-संघातकारी
(C) किंक वाले - माँग वक्र का मॉडल	(III) प्रथम प्रवेशकर्ता लाभ निपतन मात्राएं
(D) बरट्रैन्ड मॉडल	(IV) कीमत कठोरता मॉडल

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
- (2) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
- (3) (A)-(I), (B)-(III), (C)-(II), (D)-(IV)
- (4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

**Options :**

92090616221. 1  
92090616222. 2  
92090616223. 3  
92090616224. 4

**Question Number : 57 Question Id : 9209064106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Match List-I with List-II :

	List-I		List-II
(A)	Phillips curve	(I)	Consumption per capita maximum at steady state
(B)	Vertical AS curve	(II)	Debt financing by bond issues merely postpones taxation
(C)	Golden rule level of savings	(III)	Trade-off between inflation and unemployment
(D)	Ricardian equivalence	(IV)	No long-run trade-off between inflation and unemployment

Choose the *correct answer* from the options given below :

1. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
2. (A)–(III); (B)–(IV); (C)–(I); (D)–(II)
3. (A)–(IV); (B)–(III); (C)–(I); (D)–(II)
4. (A)–(III); (B)–(IV); (C)–(II); (D)–(I)

**Options :**

92090616225. 1  
92090616226. 2  
92090616227. 3  
92090616228. 4

**Question Number : 57 Question Id : 9209064106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I के साथ सूची-II का मिलान कीजिए :

सूची-I	सूची-II
(A) फिलिप्स वक्र	(I) स्थिर अवस्था पर प्रति व्यक्ति उपभोग
(B) ऊर्ध्वाधर की समग्र आपूर्ति वक्र	(II) बंधपत्र निर्गम द्वारा वित्तीय कराधान को विलंबित करता है।
(C) बचत का स्वर्णिम नियम स्तर	(III) महंगाई और बेरोजगारी के बीच व्यापार व्यवहार (विरोधाभासी तालमेल)
(D) रिकार्डियन तुल्यता	(IV) महंगाई और बेरोजगारी के बीच और दीर्घावधि व्यापार व्यवहार (विरोधाभासी तालमेल)

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
- (2) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- (3) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (4) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)

**Options :**

92090616225. 1  
92090616226. 2  
92090616227. 3  
92090616228. 4

**Question Number : 58 Question Id : 9209064107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	Corporate insolvency resolution process	(I)	Health cover for poor and vulnerable families
(B)	Nationally Determined Contribution	(II)	Addressing horizontal and vertical imbalances
(C)	Finance Commission	(III)	National Company Law Tribunal
(D)	Ayushman Bharat PMJAY	(IV)	Reduction of carbon emissions

Choose the *correct answer* from the options given below :

1. (A)–(I); (B)–(II); (C)–(IV); (D)–(III)
2. (A)–(III); (B)–(IV); (C)–(II); (D)–(I)
3. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
4. (A)–(III); (B)–(I); (C)–(II); (D)–(IV)

**Options :**

92090616229. 1

92090616230. 2

92090616231. 3

92090616232. 4

**Question Number : 58 Question Id : 9209064107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I के साथ सूची-II का मिलान कीजिए :

सूची-I	सूची-II
(A) निगमित शोधन-अक्षमता (इनसौल्वेंसी) समाधान प्रक्रिया	(I) निर्धन व दयनीय परिवारों को स्वास्थ्य कवर
(B) राष्ट्रीय तौर पर निर्धारित अंशदान	(II) क्षेत्रीय और ऊर्ध्वाधर असंतुलों को संबोधित करना
(C) वित्त आयोग	(III) राष्ट्रीय कम्पनी कानून अधिकरण
(D) आयुष्मान भारत पी एम जे ए वाई	(IV) कार्बन उत्सर्जन में कमी

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)
- (2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (4) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)

**Options :**

92090616229. 1  
92090616230. 2  
92090616231. 3  
92090616232. 4

**Question Number : 59 Question Id : 9209064108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Consider the following for natural monopoly :

- When the firm's average cost of producing a good continuously declines, a natural monopoly arises.
- Under natural monopoly, economic profits are positive or greater than zero in equilibrium.
- A market is a natural monopoly when a good is produced most economically by a single firm.
- Natural monopoly follows marginal cost pricing at all times.

Choose the *correct answer* from the options given below :

1. A and D only
2. B and D only
3. A and C only
4. B and C only

**Options :**

- 92090616233. 1
- 92090616234. 2
- 92090616235. 3
- 92090616236. 4

**Question Number : 59 Question Id : 9209064108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

प्राकृतिक एकाधिकार हेतु निम्नलिखित पर विचार कीजिए:

- (A) जब फर्म द्वारा किसी वस्तु के उत्पादन की औसत लागत निरंतर गिरती है तो एक प्राकृतिक एकाधिकार का उदय होता है।
- (B) प्राकृतिक एकाधिकार के अंतर्गत, सन्तुलन अवस्था में आर्थिक लाभ धनात्मक या शून्य से अधिक होते हैं।
- (C) कोई बाजार एक प्राकृतिक एकाधिकार होता है जब किसी का सर्वाधिक किफायती रूप से उत्पादन एकल फर्म द्वारा किया जाता है।
- (D) प्राकृतिक एकाधिकार सदैव सीमांत लागत कीमत का अनुसरण करती है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A) और (D)
- (2) केवल (B) और (D)
- (3) केवल (A) और (C)
- (4) केवल (B) और (C)

**Options :**

- 92090616233. 1
- 92090616234. 2
- 92090616235. 3
- 92090616236. 4

**Question Number : 60 Question Id : 9209064109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The following is related to land revenue settlements in colonial India :

- A. Bengal and Bihar had Permanent land revenue settlement, UP and Punjab had Ryotwari system and Madras Presidency had Mahalwari system.
- B. All regions had the same land revenue settlement.
- C. Bengal and Bihar had Permanent settlement and UP had Mahalwari system.
- D. Bengal and Bihar had Ryotwari system and Madras Presidency had Mahalwari system.
- E. UP and Punjab had Mahalwari system and Deccan and Madras Presidency had Ryotwari system.

Choose the *correct answer* from the options given below :

- 1. A, E only
- 2. C, D only
- 3. B only
- 4. C, E only

**Options :**

92090616237. 1

92090616238. 2

92090616239. 3

92090616240. 4

**Question Number : 60 Question Id : 9209064109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित का संबंध औपनिवेशिक भारत में भू-राजस्व बंदोबस्त से है।

- (A) बंगाल और बिहार में स्थायी भू-राजस्व बंदोबस्त था, यूपी और पंजाब में रैयतवाड़ी प्रथा थी और मद्रास महाप्रांत में महालवाड़ी प्रथा थी।
- (B) सभी क्षेत्रों में समान भू-राजस्व बंदोबस्त था।
- (C) बंगाल और बिहार में स्थायी बंदोबस्त था और यूपी में महालवाड़ी प्रथा थी।
- (D) बंगाल और बिहार में रैयतवाड़ी प्रथा थी और मद्रास महाप्रांत में महालवाड़ी प्रथा थी।
- (E) यूपी और पंजाब में महालवाड़ी प्रथा थी और दक्कन और मद्रास महाप्रांत में रैयतवाड़ी प्रथा थी।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A), (E)
- (2) केवल (C), (D)
- (3) केवल (B)
- (4) केवल (C), (E)

**Options :**

- 92090616237. 1
- 92090616238. 2
- 92090616239. 3
- 92090616240. 4

**Question Number : 61 Question Id : 9209064110 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

A kinked demand curve under oligopoly necessarily implies

- A. a discontinuity in the marginal revenue schedule
- B. a gap in the marginal cost schedule
- C. formal collusion in price determination
- D. the price need not be above marginal revenue

Choose the *most appropriate answer* from the options given below :

- 1. A and B only
- 2. A only
- 3. C and D only
- 4. A and D only

**Options :**

- 92090616241. 1
- 92090616242. 2
- 92090616243. 3
- 92090616244. 4

**Question Number : 61 Question Id : 9209064110 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

अल्पाधिकार के अंतर्गत एक किक वाले मांग वक्र का आवश्यक रूप से निहितार्थ होता है:

- (A) सीमांत राजस्व अनुसूची में असंततता
- (B) सीमांत राजस्व अनुसूची में अंतराल
- (C) कीमत निर्धारण में औपचारिक संघात
- (D) कीमत का सीमांत राजस्व से ऊपर होना आवश्यकता नहीं है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A) और (B)
- (2) केवल (A)
- (3) केवल (C) और (D)
- (4) केवल (A) और (D)

**Options :**

- 92090616241. 1
- 92090616242. 2
- 92090616243. 3
- 92090616244. 4

**Question Number : 62 Question Id : 9209064111 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Consider a two-sector model :

Smaller the marginal propensity to save (MPS),

- A. Steeper saving function
- B. Smaller value of the multiplier
- C. Consumption function has flat slope
- D. Larger value of the multiplier
- E. Flatter saving function

Choose the *most appropriate answer* from the options given below :

- 1. A and B only
- 2. C and E only
- 3. D and E only
- 4. B and D only

**Options :**

92090616245. 1

92090616246. 2

92090616247. 3

92090616248. 4

**Question Number : 62 Question Id : 9209064111 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

एक द्वि-क्षेत्रक मॉडल पर विचार करें।

MPS जितना कम होगा-

- (A) बचत फलन अधिक ढाल वाला होगा
- (B) गुणक का मूल्य कम होगा
- (C) उपभोग फलन कम ढाल वाला होगा
- (D) गुणक का मूल्य अधिक होगा
- (E) बचत फलन कम ढाल वाला होगा

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A) और (B)
- (2) केवल (C) और (E)
- (3) केवल (D) और (E)
- (4) केवल (B) और (D)

**Options :**

- 92090616245. 1
- 92090616246. 2
- 92090616247. 3
- 92090616248. 4

**Question Number : 63 Question Id : 9209064112 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I		List-II
(A)	Dandi March	(I)	Peasant indebtedness
(B)	Swadeshi Movement	(II)	Peasant freedom over choice of crop
(C)	Champaran Movement	(III)	State monopoly over salt production
(D)	Deccan Riots	(IV)	Deindustrialization

Choose the *correct answer* from the options given below :

1. (A)-(IV); (B)-(III); (C)-(I); (D)-(III)
2. (A)-(III); (B)-(IV); (C)-(II); (D)-(I)
3. (A)-(IV); (B)-(III); (C)-(II); (D)-(I)
4. (A)-(III); (B)-(IV); (C)-(I); (D)-(II)

**Options :**

92090616249. 1  
92090616250. 2  
92090616251. 3  
92090616252. 4

**Question Number : 63 Question Id : 9209064112 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I के साथ सूची-II का मिलान कीजिए :

सूची-I	सूची-II
(A) दांडी यात्रा	(I) कृषक ऋणग्रस्तता
(B) स्वदेशी आंदोलन	(II) फसल चयन पर किसानों की स्वतंत्रता
(C) चंपारण आंदोलन	(III) नमक उत्पादन पर राज्य का एकाधिकार
(D) दक्कन दंगे	(IV) गैर औद्योगीकरण

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

**Options :**

92090616249. 1  
92090616250. 2  
92090616251. 3  
92090616252. 4

**Question Number : 64 Question Id : 9209064113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The sequence in chronological order of the events in world economy starting from the earliest is :

- A. East Asian Financial Crisis
- B. Outbreak of COVID-19
- C. Global Financial Crisis
- D. War in Ukraine
- E. New Economic Policy (India)

Choose the *correct answer* from the options given below :

- 1. E, A, C, B, D
- 2. C, B, A, D, E
- 3. B, A, C, D, E
- 4. C, A, B, D, E

**Options :**

92090616253. 1  
92090616254. 2  
92090616255. 3  
92090616256. 4

**Question Number : 64 Question Id : 9209064113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

वैश्विक अर्थव्यवस्था में घटनाओं को उनके सबसे पहले शुरू होने के कालक्रमानुसार क्रम में व्यवस्थित कीजिए।

- (A) पूर्व एशियाई वित्तीय संकट
- (B) कोविड-19 का प्रस्फोट
- (C) वैश्विक वित्तीय संकट
- (D) यूक्रेन में युद्ध
- (E) नई वित्तीय नीति (भारत)

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (E), (A), (C), (B), (D)
- (2) (C), (B), (A), (D), (E)
- (3) (B), (A), (C), (D), (E)
- (4) (C), (A), (B), (D), (E)

**Options :**

- 92090616253. 1
- 92090616254. 2
- 92090616255. 3
- 92090616256. 4

**Question Number : 65 Question Id : 9209064114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The sequence of wage-price flexibility approach of Pigou is :

- A. Wages and prices decline
- B. Real value of assets increases
- C. Cost decline and price decline result in price of assets falling
- D. Unemployment increases
- E. Less savings would be undertaken and consumption increases, output rises

Choose the *correct answer* from the options given below :

- 1. D, A, C, E, B
- 2. A, D, C, E, B
- 3. D, A, C, B, E
- 4. D, A, B, C, E

**Options :**

- 92090616257. 1
- 92090616258. 2
- 92090616259. 3
- 92090616260. 4

**Question Number : 65 Question Id : 9209064114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पिगू के मजूदरी-मूल्य लोचशीलता उपागम का क्रम है -

- (A) मजूदरी और मूल्य का ह्वास होता है।
- (B) परिसंपत्तियों का वास्तविक मूल्य बढ़ता है।
- (C) लागत ह्वास और मूल्य ह्वास के परिणाम स्वरूप परिसंपत्तियों की कीमतें गिरती हैं।
- (D) बेरोजगारी बढ़ती है।
- (E) कम बचत होगी और उपभोग में वृद्धि होती है, उत्पाद बढ़ता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (D), (A), (C), (E), (B)
- (2) (A), (D), (C), (E), (B)
- (3) (D), (A), (C), (B), (E)
- (4) (D), (A), (B), (C), (E)

**Options :**

- 92090616257. 1
- 92090616258. 2
- 92090616259. 3
- 92090616260. 4

**Question Number : 66 Question Id : 9209064115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

For the per capita production function  $y = k^{0.5}$ ; what is the level of capital per capita at steady state assuming depreciation ( $\delta$ ) = 0.1 and rate of saving = 0.4? The rate of growth of population is assumed as 0.

- 1. 4
- 2. 2
- 3. 16
- 4.  $\sqrt{2}$

**Options :**

- 92090616261. 1
- 92090616262. 2
- 92090616263. 3
- 92090616264. 4

**Question Number : 66 Question Id : 9209064115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

प्रति व्यक्ति उत्पादन फलन  $y = k^{0.5}$  के लिए तो स्थायी अवस्था में प्रति व्यक्ति पूंजी स्तर क्या है यदि मूल्यहास  $(\delta) = 0.1$  और बचत की दर  $= 0.4$  है। जनसंख्या वृद्धि की दर 0 अनुमानित है।

- (1) 4 (2) 2  
(3) 16 (4)  $\sqrt{2}$

**Options :**

92090616261. 1  
92090616262. 2  
92090616263. 3  
92090616264. 4

**Question Number : 67 Question Id : 9209064116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

LM curve represents the locus of all those combinations of  $y$  and  $i$  which satisfy

$\frac{M}{P} = L(y, i)$  for given values of  $M$  and  $P$ . What is the value of  $\frac{dy}{di}$  ?

1.  $\frac{L'_i}{L'_y}$   
2.  $\frac{L'_y}{L'_i}$   
3.  $\frac{-L'_y}{L'_i}$   
4.  $\frac{-L'_i}{L'_y}$

**Options :**

92090616265. 1  
92090616266. 2  
92090616267. 3  
92090616268. 4



Question Number : 67 Question Id : 9209064116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

LM वक्र  $y$  और  $i$  के उन सभी संयोजनों के बिंदुपथ को प्रदर्शित करता है जो दिए गए मान  $M$  और  $P$  के लिए

$\frac{M}{P} = L(y, i)$  को संतुष्ट करता है।  $\frac{dy}{di}$  का मान क्या है?

(1)  $\frac{L'i}{L'y}$

(2)  $\frac{L'y}{L'i}$

(3)  $\frac{-L'y}{L'i}$

(4)  $\frac{-L'i}{L'y}$

Options :

92090616265. 1

92090616266. 2

92090616267. 3

92090616268. 4

Question Number : 68 Question Id : 9209064117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Suppose that the manager of a store estimates the probability of any customer entering the store making a purchase is 0.3. What is the expected number of customers making a purchase from a randomly selected set of 10 customers?

1. 3

2. 7

3. 2.1

4. 0.3

Options :

92090616269. 1

92090616270. 2

92090616271. 3

92090616272. 4

Question Number : 68 Question Id : 9209064117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

माना कि किसी दुकान का प्रबंधक दुकान में प्रवेश करने वाले किसी ग्राहक द्वारा खरीददारी करने की प्रायिकता 0.3 आकलित करता है। तो यादृच्छिक रूप से चयनित 10 ग्राहकों के समुच्चय में से खरीदारी करने वाले ग्राहकों की प्रत्याशित संख्या क्या है?

- (1) 3 (2) 7  
(3) 2.1 (4) 0.3

**Options :**

92090616269. 1  
92090616270. 2  
92090616271. 3  
92090616272. 4

**Question Number : 69 Question Id : 9209064118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

For a random variable  $X$ , it is given that  $E(X^2) = 16$  and  $E(X) = 2$ . What is the value of variance for this distribution?

1. 12  
2. 14  
3. 16  
4. 2

**Options :**

92090616273. 1  
92090616274. 2  
92090616275. 3  
92090616276. 4

**Question Number : 69 Question Id : 9209064118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

यादृच्छिक चर  $x$  के लिए  $E(X^2) = 16$  और  $E(X) = 2$  दिया गया है। इस बंटन के प्रसरण का मान क्या है?

- (1) 12 (2) 14  
(3) 16 (4) 2

**Options :**

92090616273. 1  
92090616274. 2  
92090616275. 3

92090616276. 4

**Question Number : 70 Question Id : 9209064119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

One of the assumptions of the classical linear regression model is that all the values of the explanatory variable  $X$  must

1. all be positive
2. not all be the same
3. all be negative
4. average to zero

**Options :**

- 92090616277. 1
- 92090616278. 2
- 92090616279. 3
- 92090616280. 4

**Question Number : 70 Question Id : 9209064119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

क्लासिकल रेखीय समाश्रमण मॉडल की एक मान्यता यह है कि व्याख्याकारी चर  $x$  के मान:

- |                       |                         |
|-----------------------|-------------------------|
| (1) सभी धनात्मक होंगे | (2) सभी समान नहीं होंगे |
| (3) सभी ऋणात्मक होंगे | (4) इनका औसत शून्य होगा |

**Options :**

- 92090616277. 1
- 92090616278. 2
- 92090616279. 3
- 92090616280. 4

**Question Number : 71 Question Id : 9209064120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The solution of the difference equation  $x_t = \frac{1}{2}x_{t-1} + 3$  is

1.  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 6) + 6$

2.  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 3) - 2$

3.  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 6) - 6$

4.  $x_t = \left(\frac{1}{2}\right)^t (x_0 + 6) + 2$

**Options :**

92090616281. 1

92090616282. 2

92090616283. 3

92090616284. 4

**Question Number : 71 Question Id : 9209064120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

अन्तर समीकरण  $x_t = \frac{1}{2}x_{t-1} + 3$  का हल है।

(1)  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 6) + 6$

(2)  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 3) - 2$

(3)  $x_t = \left(\frac{1}{2}\right)^t (x_0 - 6) - 6$

(4)  $x_t = \left(\frac{1}{2}\right)^t (x_0 + 6) + 2$

**Options :**

92090616281. 1

92090616282. 2

92090616283. 3

92090616284. 4

**Question Number : 72 Question Id : 9209064121 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The demand for money  $L = 0.25 Y$  and the supply of money  $\frac{\bar{M}}{P} = 500$ . In this case

1. the LM curve is vertical and defined by  $Y = 2000$  and this defines the classical case
2. the LM curve is vertical and defined by  $Y = 125$  and this defines the case of liquidity trap
3. the LM curve is upward sloping and defined by  $Y = 2000$
4. the LM curve is horizontal and defined by  $Y = 2000$  and this is a case of liquidity trap

**Options :**

- 92090616285. 1
- 92090616286. 2
- 92090616287. 3
- 92090616288. 4

**Question Number : 72 Question Id : 9209064121 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

मुद्रा की मांग  $L = 0.254$  और मुद्रा की आपूर्ति  $\frac{\bar{M}}{P} = 500$  है। इस स्थिति में -

- (1) LM वक्र ऊर्ध्वाधर है और  $y = 2000$  के द्वारा परिभाषित है और यह क्लासिक मामले को परिभाषित करता है।
- (2) LM वक्र ऊर्ध्वाधर है और  $y = 125$  के द्वारा परिभाषित है। और यह तरलता जाल के मामले को परिभाषित करता है।
- (3) LM वक्र ऊपर की ओर ढालयुक्त है और  $y = 2000$  के द्वारा परिभाषित है।
- (4) LM वक्र क्षैतिज है और  $y = 2000$  के द्वारा परिभाषित है। और यह तरलता जाल का मामला है।

**Options :**

- 92090616285. 1
- 92090616286. 2
- 92090616287. 3
- 92090616288. 4

**Question Number : 73 Question Id : 9209064122 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Suppose the expected rate of inflation in India is 10% whereas that in US is 4%. What is the expected rate of depreciation of Indian rupee vis-a-vis US Dollar, according to the relative purchasing power parity theory?

1. 6%
2. 3%
3. 14%
4. 2.5%

**Options :**

92090616289. 1  
92090616290. 2  
92090616291. 3  
92090616292. 4

**Question Number : 73 Question Id : 9209064122 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

माना कि भारत में अनुमानित महंगाई दर 10% है जबकि यू.एस. में यह दर 4% है। सापेक्षिक क्रय शक्ति क्षमता सिद्धांत के अनुसार, यू.एस. डॉलर की तुलना में भारतीय रुपए के मूल्य ह्रास की अनुमानित दर क्या है?

- |         |          |
|---------|----------|
| (1) 6%  | (2) 3%   |
| (3) 14% | (4) 2.5% |

**Options :**

92090616289. 1  
92090616290. 2  
92090616291. 3  
92090616292. 4

**Question Number : 74 Question Id : 9209064123 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The economy of INDUS grows at 6% per annum and its investment ratio is 31.2%. What is the capital output ratio of this economy, by the assumptions of the Harrod-Domar model?

1. 18.72
2. 5.2
3. 0.65
4. 4.6

**Options :**

- 92090616293. 1
- 92090616294. 2
- 92090616295. 3
- 92090616296. 4

**Question Number : 74 Question Id : 9209064123 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

इंडस की अर्थव्यवस्था 6% वार्षिक की दर से बढ़ती है। और इसका निवेश अनुपात 31.2% है। हैरॉड-डोमर मॉडल की मान्यताओं द्वारा इस अर्थव्यवस्था का पूंजी उत्पाद अनुपात क्या है?

- |           |         |
|-----------|---------|
| (1) 18.72 | (2) 5.2 |
| (3) 0.65  | (4) 4.6 |

**Options :**

- 92090616293. 1
- 92090616294. 2
- 92090616295. 3
- 92090616296. 4

**Question Number : 75 Question Id : 9209064124 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Including the Governor of the Reserve Bank of India, how many members are there in the Monetary Policy Committee?

1. 8
2. 7
3. 4
4. 6

**Options :**

92090616297. 1  
92090616298. 2  
92090616299. 3  
92090616300. 4

**Question Number : 75 Question Id : 9209064124 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

भारतीय रिजर्व बैंक के गवर्नर को मिलाकर, मौद्रिक नीति समिति में कितने सदस्य होते हैं ?

- |       |       |
|-------|-------|
| (1) 8 | (2) 7 |
| (3) 4 | (4) 6 |

**Options :**

92090616297. 1  
92090616298. 2  
92090616299. 3  
92090616300. 4

**Question Number : 76 Question Id : 9209064125 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The Committee to review the working of monetary system headed by \_\_\_\_\_ recommended monetary targeting in India.

1. D. T. Lakdawala
2. Sukhamoy Chakravarty
3. C. Rangarajan
4. Montek Singh Ahluwalia



**Options :**

- 92090616301. 1
- 92090616302. 2
- 92090616303. 3
- 92090616304. 4

**Question Number : 76 Question Id : 9209064125 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ की अध्यक्षता में मौद्रिक प्रणाली के कार्य करने की समीक्षा के लिए समिति गठित की गई जिसके द्वारा भारत में मौद्रिक लक्ष्य प्राप्ति की अनुशंसा की गई।

- (1) डी.टी. लाकड़वाला
- (2) सुखमॉय चक्रवर्ती
- (3) सी. रंगराजन
- (4) मोंटेक सिंह अहलुवालिया

**Options :**

- 92090616301. 1
- 92090616302. 2
- 92090616303. 3
- 92090616304. 4

**Question Number : 77 Question Id : 9209064126 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

According to the Baumol-Tobin transaction demand for money approach, the optimum number of transactions is

- 1. inversely related to income and directly related to transaction costs and interest rate
- 2. directly related to interest rate and income and inversely related to transaction costs
- 3. inversely related to income, interest rate and transaction costs
- 4. directly related to income, interest rate and transaction costs

**Options :**

- 92090616305. 1
- 92090616306. 2
- 92090616307. 3
- 92090616308. 4

Question Number : 77 Question Id : 9209064126 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

मुद्रा-सिद्धांत के लिए बाउमल-टॉबिन लेन-देन मांग के अनुसार, लेन-देन की अधिकतम संख्या है -

- (1) आय से प्रतिलोम संबंध और लेन-देन लागत और ब्याज दर के प्रत्यक्ष संबंध।
- (2) ब्याज दर और आय से प्रत्यक्ष संबंध और लेन-देन लागत से प्रतिलोम संबंध।
- (3) आय, ब्याजदर और लेन-देन लागत से प्रतिलोम संबंध।
- (4) आय, ब्याजदर और लेन-देन लागत से प्रत्यक्ष संबंध।

Options :

92090616305. 1

92090616306. 2

92090616307. 3

92090616308. 4

Question Number : 78 Question Id : 9209064127 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If  $\frac{a_{LX}}{a_{LY}}$  and  $\frac{a'_{LX}}{a'_{LY}}$  are the opportunity costs of producing X in terms of Y in countries A and B, and  $\frac{p_X}{p_Y}$  is the international price ratio of X to Y. Both the countries will go for complete specialization when

1.  $\frac{a_{LX}}{a_{LY}} < \frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}}$

2.  $\frac{a_{LX}}{a_{LY}} = \frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}}$

3.  $\frac{a'_{LX}}{a'_{LY}} = \frac{p_X}{p_Y} < \frac{a_{LX}}{a_{LY}}$

4.  $\frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}} < \frac{a_{LX}}{a_{LY}}$

Options :

92090616309. 1

92090616310. 2

92090616311. 3

92090616312. 4

**Question Number : 78 Question Id : 9209064127 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

यदि A और B देशों में Y अवधि में X के उत्पादन की अवसर लागत  $\frac{a_{LX}}{a_{LY}}$  और  $\frac{a'_{LX}}{a'_{LY}}$  हैं और Y के सापेक्ष X का

अंतर्राष्ट्रीय मूल्य अनुपात  $\frac{p_X}{p_Y}$  है। तो दोनों देश संपूर्ण विशिष्टता प्राप्त करेंगे -

(1)  $\frac{a_{LX}}{a_{LY}} < \frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}}$

(2)  $\frac{a_{LX}}{a_{LY}} = \frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}}$

(3)  $\frac{a'_{LX}}{a'_{LY}} = \frac{p_X}{p_Y} < \frac{a_{LX}}{a_{LY}}$

(4)  $\frac{p_X}{p_Y} < \frac{a'_{LX}}{a'_{LY}} < \frac{a_{LX}}{a_{LY}}$

**Options :**

- 92090616309. 1
- 92090616310. 2
- 92090616311. 3
- 92090616312. 4

**Question Number : 79 Question Id : 9209064128 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

For a random variable X,  $E(X - \mu)^4 = 16$  [where  $\mu = E(X)$ ] and  $E(X - \mu)^2 = 2$ .  
What is the value of Kurtosis for this variable?

- 1. 4
- 2. 8
- 3. 2
- 4. 1

**Options :**

- 92090616313. 1
- 92090616314. 2
- 92090616315. 3
- 92090616316. 4

**Question Number : 79 Question Id : 9209064128 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

यदि यादृच्छिक चर  $X$ ,  $E(X - \mu)^4 = 16$  [जहां  $\mu = E(X)$ ] और  $E(X - \mu)^2 = 2$  तो इस चर के लिए कुरटोसिस का मान क्या होगा?

- |       |       |
|-------|-------|
| (1) 4 | (2) 8 |
| (3) 2 | (4) 1 |

Options :

92090616313. 1  
92090616314. 2  
92090616315. 3  
92090616316. 4

Question Number : 80 Question Id : 9209064129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A consumer has a demand function for good  $X$  given by  $D(P) = 100 - P$ . Where  $P$  is the price of good  $X$ . If the price of good  $X$  is Rs.50, the value of consumer's surplus is

1. ₹ 1,250
2. ₹ 3,750
3. ₹ 2,250
4. ₹ 3,050

Options :

92090616317. 1  
92090616318. 2  
92090616319. 3  
92090616320. 4

Question Number : 80 Question Id : 9209064129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

D द्वारा प्रदत्त  $(P) = 100 - P$  किसी उपभोक्ता की किसी वस्तु  $X$  के लिए मांग प्रकार्य है। जहां  $P$  वस्तु  $X$  का मूल्य है। यदि  $X$  का मूल्य 50 रु. है तो उपभोक्ता के अधिशेष का मूल्य होगा -

- |               |               |
|---------------|---------------|
| (1) 1,250 रु. | (2) 3,750 रु. |
| (3) 2,250 रु. | (4) 2,250 रु. |

Options :

92090616317. 1

92090616318. 2

92090616319. 3

92090616320. 4

**Question Number : 81 Question Id : 9209064130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The currency to deposit ratio of an economy is 0.2 and the reserve to deposit ratio is 0.1. The value of the money multiplier is

1. 0.25

2. 0.33

3. 3

4. 4

**Options :**

92090616321. 1

92090616322. 2

92090616323. 3

92090616324. 4

**Question Number : 81 Question Id : 9209064130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

किसी अर्थव्यवस्था मुद्रा की जमा अनुपात 0.2 है और जमा अनुपात का व्युत्क्रम 0.1 है। धन के बहुगुणक का मान होगा -

(1) 0.25

(2) 0.33

(3) 3

(4) 4

**Options :**

92090616321. 1

92090616322. 2

92090616323. 3

92090616324. 4

**Question Number : 82 Question Id : 9209064131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Suppose  $z = f(x, y)$  is homogeneous of degree  $k$ . Which of the following statements is true?

1.  $\frac{\partial z}{\partial x}$  is homogeneous of degree  $(k - 2)$
2.  $\frac{\partial^2 z}{\partial y \partial x}$  is homogeneous of degree  $(k - 1)$
3.  $\frac{\partial^2 z}{\partial y^2}$  is homogeneous of degree  $(k - 2)$
4.  $\frac{\partial^2 z}{\partial x \partial y}$  is homogeneous of degree  $(k - 1)$

**Options :**

92090616325. 1  
92090616326. 2  
92090616327. 3  
92090616328. 4

**Question Number : 82 Question Id : 9209064131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

मान लीजिए कि  $z = f(x, y)$  की सजातीय घात है। निम्नलिखित में से कौन सा कथन सत्य है?

- |   |  |
|---|--|
| (1) $\frac{\partial z}{\partial x}$ , $(k - 2)$ का सजातीय घात है।     | (2) $\frac{\partial^2 z}{\partial y \partial x}$ , $(k - 1)$ का सजातीय घात है। |
| (3) $\frac{\partial^2 z}{\partial y^2}$ , $(k - 2)$ का सजातीय घात है। | (4) $\frac{\partial^2 z}{\partial x \partial y}$ , $(k - 1)$ का सजातीय घात है। |

**Options :**

92090616325. 1  
92090616326. 2  
92090616327. 3  
92090616328. 4

**Question Number : 83 Question Id : 9209064132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Second-order Taylor series approximation of  $f(x) = \ln(1+x)$  at  $x=0$  is

1.  $x - \frac{x^2}{2}$

2.  $x + \frac{x^2}{2}$

3.  $-x - \frac{x^2}{2}$

4.  $-x + \frac{x^2}{2}$

**Options :**

92090616329. 1

92090616330. 2

92090616331. 3

92090616332. 4

**Question Number : 83 Question Id : 9209064132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

$x=0$  पर  $f(x) = \ln(1+x)$  का द्वितीय-क्रम टेलर श्रृंखला का उपगमन है -

(1)  $x - \frac{x^2}{2}$

(2)  $x + \frac{x^2}{2}$

(3)  $-x - \frac{x^2}{2}$

(4)  $-x + \frac{x^2}{2}$

**Options :**

92090616329. 1

92090616330. 2

92090616331. 3

92090616332. 4

**Question Number : 84 Question Id : 9209064133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Tobin's  $q$  ratio refers to

1. the ratio of the market value of the firm's assets to the cost of producing those assets
2. the ratio of the cost of producing assets to the market value of the assets
3. the ratio of the PBT (profit before taxes) to the market value of the firm's assets
4. the ratio of the PBT (profit before taxes) to the cost of producing those assets

**Options :**

- 92090616333. 1
- 92090616334. 2
- 92090616335. 3
- 92090616336. 4

**Question Number : 84 Question Id : 9209064133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

टॉबिन का  $q$  अनुपात दर्शाता है -

- (1) किसी फर्म की परिसंपत्तियों का उन परिसंपत्तियों के उत्पादन की लागत का बाजार मूल्य का अनुपात।
- (2) किसी फर्म की परिसंपत्तियों के उत्पादन की लागत का अनुपात और परिसंपत्तियों के लिए बाजार मूल्य।
- (3) फर्म की परिसंपत्तियों के बाजार मूल्य के लिए PBT (कर पूर्व लाभ) का अनुपात।
- (4) उन परिसंपत्तियों के उत्पादन की लागत के लिए PBT (कर पूर्व लाभ) का अनुपात।

**Options :**

- 92090616333. 1
- 92090616334. 2
- 92090616335. 3
- 92090616336. 4

**Question Number : 85 Question Id : 9209064134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Suppose that for a random sample of size 10, the value of covariance between two variables  $X$  and  $Y$  is 100 and the standard deviations of  $X$  and  $Y$  are 5 and 20 respectively. What is the value of regression coefficient in regression of  $Y$  on  $X$ ?

1. 4
2. 20
3. 1
4. 0.25

**Options :**

92090616337. 1

92090616338. 2

92090616339. 3

92090616340. 4

**Question Number : 85 Question Id : 9209064134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

मान लीजिए कि किसी यादृच्छिक नमूने का आकार 10 है, दो चरों  $X$  और  $Y$  के बीच सहविचलन का मान 100 है और  $X$  और  $Y$  का मानक विचलन क्रमशः 5 और 20 हैं। तो  $X$  पर  $Y$  के प्रतिगमन में, सहगुणक प्रतिगमन का मान क्या होगा?

- |       |          |
|-------|----------|
| (1) 4 | (2) 20   |
| (3) 1 | (4) 0.25 |

**Options :**

92090616337. 1

92090616338. 2

92090616339. 3

92090616340. 4

**Question Number : 86 Question Id : 9209064135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement—I : Between 1901–1951 in India, the relative product per worker in industry increased from above average to far above average and the relative product per worker in agriculture decreased from below average to even further below.

Statement—II : Between 1901–1951 in India, deindustrialization definitely occurred.

In the light of the above statements, choose the *correct answer* from the options given below :

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

92090616341. 1  
92090616342. 2  
92090616343. 3  
92090616344. 4

**Question Number : 86 Question Id : 9209064135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

नीचे दो कथन दिए गए हैं :

कथन I : भारत में 1901 से 1951 के बीच, उद्योग में सापेक्ष उत्पाद प्रति कार्यकर्ता औसत से अधिक से बढ़कर औसत से अत्यधिक हो गया और कृषि में सापेक्ष उत्पाद प्रति कार्यकर्ता औसत से कम से घटकर औसत से अव्यल्प हो गई।

कथन II : भारत में 1901 से 1951 के बीच निश्चित रूप से अनौद्योगीकरण हुआ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) कथन I और II दोनों सही हैं
- (2) कथन I और II दोनों गलत हैं
- (3) कथन I सही है, लेकिन कथन II गलत है
- (4) कथन I गलत है, लेकिन कथन II सही है

**Options :**

92090616341. 1  
 92090616342. 2  
 92090616343. 3  
 92090616344. 4

**Question Number : 87 Question Id : 9209064136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Match List-I with List-II :

	List-I [Utility functions $U(x_1, x_2)$ ]		List-II ( $MRS_{x_1, x_2}$ )
(A)	$Cx_1^a x_2^b$	(I)	$\frac{-(x_2+1)}{(x_1+2)}$
(B)	$(x_1+2)(x_2+1)$	(II)	$-\left(\frac{x_1}{x_2}\right)^{a-1}$
(C)	$ax_1 + b\sqrt{x_2}$	(III)	$\frac{-ax_2}{bx_1}$
(D)	$(x_1^a + x_2^a)^b$	(IV)	$\frac{2a\sqrt{x_2}}{b}$

Choose the *correct answer* from the options given below :

- (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
- (A)–(III); (B)–(IV); (C)–(II); (D)–(I)
- (A)–(III); (B)–(I); (C)–(IV); (D)–(II)
- (A)–(I); (B)–(IV); (C)–(II); (D)–(III)

**Options :**

92090616345. 1  
 92090616346. 2  
 92090616347. 3  
 92090616348. 4

**Question Number : 87 Question Id : 9209064136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सूची-I के साथ सूची-II का मिलान कीजिए :

सूची-I उपयोगिता प्रकार्य	सूची-II ( $MRS_{x_1, x_2}$ )
(A) $C x_1^a x_2^b$	(I) $\frac{-(x_2 + 1)}{(x_1 + 2)}$
(B) $(x_1 + 2)(x_2 + 1)$	(II) $-\left(\frac{x_1}{x_2}\right)^{a-1}$
(C) $ax_1 + b\sqrt{x_2}$	(III) $\frac{-ax_2}{bx_1}$
(D) $(x_1^a + x_2^a)^b$	(IV) $\frac{2a\sqrt{x_2}}{b}$

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (2) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (3) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
- (4) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)

**Options :**

92090616345. 1
92090616346. 2
92090616347. 3
92090616348. 4

**Question Number : 88 Question Id : 9209064137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Let  $A = \begin{pmatrix} p & -q \\ q & p \end{pmatrix}$  be a  $2 \times 2$  matrix.

- A. The rank of matrix  $A$  given by  $r(A)$  is 3
- B. Matrix  $A$  is orthogonal if and only if  $p^2 + q^2 = 1$
- C. Transpose of matrix  $A$  is given by  $A^T = \begin{pmatrix} p & q \\ -q & p \end{pmatrix}$
- D. Determinant of matrix  $A$  is  $|A| = p$

Choose the *most appropriate answer* from the options given below :

- 1. A and B only
- 2. A and C only
- 3. B and C only
- 4. A and D only

**Options :**

92090616349. 1

92090616350. 2

92090616351. 3

92090616352. 4

**Question Number : 88 Question Id : 9209064137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

माना  $2 \times 2$  के आव्यूह के लिए  $A = \begin{pmatrix} p & -q \\ q & p \end{pmatrix}$  है।

- (A)  $r(A)$  द्वारा प्रदत्त आव्यूह  $A$  की रैंक 3 है।
- (B) आव्यूह  $A$  लंबकोणीय है, केवल तभी यदि  $p^2 + q^2 = 1$
- (C)  $A^T = \begin{pmatrix} p & q \\ -q & p \end{pmatrix}$  द्वारा प्रदत्त आव्यूह  $A$  का विपर्यय है।
- (D) आव्यूह  $A$  का निर्धारक  $|A| = p$

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

- (1) केवल (A) और (B)
- (2) केवल (A) और (C)
- (3) केवल (B) और (C)
- (4) केवल (A) और (D)

**Options :**

92090616349. 1
92090616350. 2
92090616351. 3
92090616352. 4

**Question Number : 89 Question Id : 9209064138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following points lie in the convex set of points (2, 3) and (4, 1)?

- A. (3.6, 1.4)
- B. (1.2, 3.8)
- C. (2.4, 2.6)
- D. (0.4, 4.6)

Choose the *most appropriate answer* from the options given below :

1. A and B only
2. B and C only
3. A and C only
4. B and D only

**Options :**

- 92090616353. 1
- 92090616354. 2
- 92090616355. 3
- 92090616356. 4

**Question Number : 89 Question Id : 9209064138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित बिंदुओं में से कौन-सा, बिंदुओं (2, 3) और (4, 1) के उन्नतोदर समुच्चय में आता है?

- (A) (3.6, 1.4)
- (B) (1.2, 3.8)
- (C) (2.4, 2.6)
- (D) (0.4, 4.6)

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A) और (B)
- (2) केवल (B) और (C)
- (3) केवल (A) और (C)
- (4) केवल (B) और (D)

**Options :**

- 92090616353. 1
- 92090616354. 2
- 92090616355. 3
- 92090616356. 4

**Question Number : 90 Question Id : 9209064139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Consider a competitive market :

Suppose per unit commodity tax is imposed on the sellers,

- A. a tax on the commodity creates a wedge between the price the buyers pay and the price which sellers receive.
- B. post tax equilibrium quantity increases.
- C. if the supply is more elastic than demand then the tax burden falls more heavily on buyers.
- D. if the demand is more elastic than supply then the tax burden falls more heavily on buyers.
- E. imposition of the tax creates dead weight loss.

Choose the *most appropriate answer* from the options given below :

- 1. A and C only
- 2. C and E only
- 3. A, C, E only
- 4. B and E only

**Options :**

- 92090616357. 1
- 92090616358. 2
- 92090616359. 3
- 92090616360. 4

**Question Number : 90 Question Id : 9209064139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



एक प्रतिस्पर्धी बाजार पर विचार कीजिए। मान लीजिए कि विक्रेताओं पर प्रति इकाई जिंस (कमोडिटी) कर लगाया जाता है।

- (A) जिस कमोडिटी पर क्रेताओं के भुगतान मूल्य और विक्रेताओं द्वारा प्राप्त मूल्य के बीच खाई सृजित करता है।
- (B) अप्रपाशित कर संतुलन मात्रा बढ़ती है।
- (C) यदि आपूर्ति मांग से अधिक लोचपूर्ण है तो कर का बोझ क्रेताओं पर अत्यधिक रूप से भारित होता है।
- (D) यदि मांग आपूर्ति से अधिक लोचपूर्ण है तो कर का बोझ क्रेताओं पर अत्यधिक रूप से भारित होता है।
- (E) कर का आरोपण दुष्प्रभाव (हेड वेट लॉस) सृजित करता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल (A) और (C)
- (2) केवल (C) और (E)
- (3) केवल (A), (C) और (E)
- (4) केवल (B) और (E)

**Options :**

- 92090616357. 1
- 92090616358. 2
- 92090616359. 3
- 92090616360. 4

**Question Number : 91 Question Id : 9209064140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

Arrange the following in the order of occurrence starting from the earliest to the latest :

- A. Ayushman Sahakar Scheme
- B. Samarth Scheme or Scheme for Capacity Building in the Textile Sector.
- C. Ayushman Bharat Programme or Pradhan Mantri Jan Aarogya Yojana (PM-JAY).
- D. PM Kusum Scheme
- E. National Policy for Skill Development and Entrepreneurship

Choose the *correct answer* from the options given below :

- 1. D, C, A, B, E
- 2. E, B, C, D, A
- 3. A, B, C, D, E
- 4. B, E, A, C, D

**Options :**

- 92090616361. 1
- 92090616362. 2
- 92090616363. 3
- 92090616364. 4

**Question Number : 91 Question Id : 9209064140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

निम्नलिखित को उनके घटित होने के क्रम में सबसे पहले से सबसे अंतिम के अनुसार व्यवस्थित कीजिए।

- (A) आयुष्मान भारत
- (B) वस्त्र क्षेत्र में समर्थ योजना का क्षमता निर्माण योजना
- (C) आयुष्मान भारत कार्यक्रम या प्रधानमंत्री जन आरोग्य योजना (PM-JAY)
- (D) PM कुसुम योजना
- (E) कौशल विकास और उद्यमिता के लिए राष्ट्रीय नीति

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) (D), (C), (A), (B), (E)
- (2) (E), (B), (C), (D), (A)
- (3) (A), (B), (C), (D), (E)
- (4) (B), (E), (A), (C), (D)

**Options :**

- 92090616361. 1
- 92090616362. 2
- 92090616363. 3
- 92090616364. 4

**Question Number : 92 Question Id : 9209064141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1**

$$\int \left( \frac{e^{8\ln x} - e^{4\ln x}}{e^{4\ln x} - e^{2\ln x}} \right) dx$$

1.  $\frac{e^{8x} - e^{4x}}{e^{4x} - e^{2x}} + C$

2.  $\frac{x^5}{5} + \frac{x^3}{3} + C$

3.  $\frac{x^5}{5} - \frac{x^3}{3} + C$

4.  $\frac{e^{4x} - e^{2x}}{e^{2x} - e^x} + C$

**Options :**

92090616365. 1

92090616366. 2

92090616367. 3

92090616368. 4

**Question Number : 92 Question Id : 9209064141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

$$\int \left( \frac{e^{8\ln x} - e^{4\ln x}}{e^{4\ln x} - e^{2\ln x}} \right) dx$$

(1)  $\frac{e^{8x} - e^{4x}}{e^{4x} - e^{2x}} + C$

(2)  $\frac{x^5}{5} + \frac{x^3}{3} + C$

(3)  $\frac{x^5}{5} - \frac{x^3}{3} + C$

(4)  $\frac{e^{4x} - e^{2x}}{e^{2x} - e^x} + C$

**Options :**

92090616365. 1

92090616366. 2

92090616367. 3

92090616368. 4

**Question Number : 93 Question Id : 9209064142 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

An industry has two firms. They face an inverse demand function  $P = 200 - 4Q$  and a constant unit cost of Rs.8.0. The Cournot duopoly equilibrium price ( $P$ ) and Quantity ( $Q$ ) will be

1. 8, 48 respectively
2. 72, 32 respectively
3. 104, 24 respectively
4. 8, 24 respectively

**Options :**

92090616369. 1  
92090616370. 2  
92090616371. 3  
92090616372. 4

**Question Number : 93 Question Id : 9209064142 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

एक उद्योग की दो फर्म हैं। वे एक प्रतिलोम मांग प्रकार्य  $P = 200 - 4Q$  का सामना करती हैं और नियत इकाई लागत 8.0 रु. है। तो कर्नाट द्विअधिकारी समतुल्यांक मूल्य ( $P$ ) और मात्रा ( $Q$ ) होगी -

- |                    |                   |
|--------------------|-------------------|
| (1) क्रमशः 8, 48   | (2) क्रमशः 72, 32 |
| (3) क्रमशः 104, 24 | (4) क्रमशः 8, 24  |

**Options :**

92090616369. 1  
92090616370. 2  
92090616371. 3  
92090616372. 4

**Question Number : 94 Question Id : 9209064143 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

The simple neoclassical Solow model assumes

1. Hicks-neutral technological change
2. Harrod-neutral technological change
3. Solow-neutral technological change
4. Pareto-neutral technological change

**Options :**

92090616373. 1  
92090616374. 2  
92090616375. 3  
92090616376. 4

**Question Number : 94 Question Id : 9209064143 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

सामान्य नव-पुरातन सोलो प्रतिरूप कल्पित करता है -

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| (1) हिक्स-उदासीन तकनीकी परिवर्तन | (2) हैरॉड-उदासीन तकनीकी परिवर्तन  |
| (3) सोलो-उदासीन तकनीकी परिवर्तन  | (4) पैरेटो-उदासीन तकनीकी परिवर्तन |

**Options :**

92090616373. 1  
92090616374. 2  
92090616375. 3  
92090616376. 4

**Question Number : 95 Question Id : 9209064144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

$$\int 100^x dx = ?$$

1.  $\frac{100^x}{\ln 100} + C$

2.  $\frac{x^{100}}{\ln 100} + C$

3.  $\frac{100^{x+1}}{x+1} + C$

4.  $\frac{100^{x-1}}{x-1} + C$

**Options :**

92090616377. 1

92090616378. 2

92090616379. 3

92090616380. 4

**Question Number : 95 Question Id : 9209064144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

$$\int 100^x dx = ?$$

(1)  $\frac{100^x}{\ln 100} + C$

(2)  $\frac{x^{100}}{\ln 100} + C$

(3)  $\frac{100^{x+1}}{x+1} + C$

(4)  $\frac{100^{x-1}}{x-1} + C$

**Options :**

92090616377. 1

92090616378. 2

92090616379. 3

92090616380. 4

**Question Number : 96 Question Id : 9209064145 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Find  $\frac{dy}{dx}$  if  $x\sqrt{1+y} + y\sqrt{1+x} = 0$ .

1.  $\frac{-1}{(1+x)^2}$

2.  $\frac{2}{(1+x)}$

3.  $\frac{-1}{\sqrt{1+x}}$

4.  $\frac{1+x}{1+y}$

**Options :**

92090616381. 1

92090616382. 2

92090616383. 3

92090616384. 4

**Question Number : 96 Question Id : 9209064145 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

यदि  $x\sqrt{1+y} + y\sqrt{1+x} = 0$  तो  $\frac{dy}{dx}$  का मान ज्ञात कीजिए -

(1)  $\frac{-1}{(1+x)^2}$

(2)  $\frac{2}{(1+x)}$

(3)  $\frac{-1}{\sqrt{1+x}}$

(4)  $\frac{1+x}{1+y}$

**Options :**

92090616381. 1

92090616382. 2

92090616383. 3

92090616384. 4

**Question Number : 97 Question Id : 9209064146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**



Suppose the slope coefficient in regression of  $Y$  on  $X$  is 15. What will be the slope coefficient in regression of  $Y + 10$  on  $X - 5$ ?

1. 25
2. 10
3. 15
4. 20

**Options :**

92090616385. 1  
92090616386. 2  
92090616387. 3  
92090616388. 4

**Question Number : 97 Question Id : 9209064146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

मान लीजिए कि  $X$  पर  $Y$  के प्रतिगमन में ढाल सहगुणांक 15 है। तो  $X - 5$  पर  $Y + 10$  के प्रतिगमन में ढाल सहगुणांक क्या होगा ?

- |        |        |
|--------|--------|
| (1) 25 | (2) 10 |
| (3) 15 | (4) 20 |

**Options :**

92090616385. 1  
92090616386. 2  
92090616387. 3  
92090616388. 4

**Question Number : 98 Question Id : 9209064147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Suppose the distribution of weights of students in a college is normal with mean 60 kg and standard deviation 3 kg. Which of the following areas from the standard normal distribution gives the probability of a randomly selected student having weight less than 66 kg?

1. Area to the left of  $z = -2$
2. Area to the left of  $z = 2$
3. Area to the right of  $z = 2$
4. Area to the right of  $z = -2$

**Options :**

92090616389. 1  
92090616390. 2  
92090616391. 3  
92090616392. 4

**Question Number : 98 Question Id : 9209064147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

मान लीजिए कि किसी कॉलेज में छात्रों के वज़नों का वितरण 60 kg माध्य के साथ समान है तथा मानक विचलन 3 kg है। मानक सामान्य वितरण से निम्नलिखित में से कौन सा क्षेत्र यादृच्छिक रूप से चयनित छात्रों की प्रायिकता दर्शाता है जिनका वजन 66 kg से कम है?

- |                                    |                                    |
|------------------------------------|------------------------------------|
| (1) $z = -2$ के बाईं ओर का क्षेत्र | (2) $z = 2$ के बाईं ओर का क्षेत्र  |
| (3) $z = 2$ के दाईं ओर का क्षेत्र  | (4) $z = -2$ के दाईं ओर का क्षेत्र |

**Options :**

92090616389. 1  
92090616390. 2  
92090616391. 3  
92090616392. 4

**Question Number : 99 Question Id : 9209064148 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

If you draw a random sample of size 25 from a population whose standard deviation is 10, what will be the standard error of sample mean?

1. 20
2. 2
3. 4
4. 0.4

**Options :**

92090616393. 1  
92090616394. 2  
92090616395. 3  
92090616396. 4

**Question Number : 99 Question Id : 9209064148 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

यदि आप किसी जनसंख्या से 25 के आकार का एक यादृच्छिक नमूना आरेखित करते हैं जिसका मानक विचलन 10 है तो सामान्य माध्य की मानक त्रुटि क्या होगी ?

- |        |         |
|--------|---------|
| (1) 20 | (2) 2   |
| (3) 4  | (4) 0.4 |

**Options :**

92090616393. 1  
92090616394. 2  
92090616395. 3  
92090616396. 4

**Question Number : 100 Question Id : 9209064149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

Fully sterilized intervention by the Central Bank at the time of capital inflows leads to which of the following changes in Central Bank Balance Sheet?

1. Rise in net foreign assets and decline in domestic assets
2. Decline in net foreign assets and rise in domestic assets
3. Rise in both net foreign assets and domestic assets
4. Decline in both net foreign assets and domestic assets

**Options :**

- 92090616397. 1
- 92090616398. 2
- 92090616399. 3
- 92090616400. 4

**Question Number : 100 Question Id : 9209064149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 4 Wrong Marks : 1**

पूंजी के अंतः प्रवाह के समय केंद्रीय बैंक द्वारा बाजार से पूर्णतया तरलता निष्काशित किया जाना केंद्रीय बैंक के तुलन-पत्र में निम्नलिखित में से किस प्रकार का परिवर्तन करता है ?

- (1) निवल विदेशी आस्तियों में बढ़ोत्तरी और घरेलू आस्तियों में ह्रास
- (2) निवल विदेशी आस्तियों में ह्रास और घरेलू आस्तियों में बढ़ोत्तरी
- (3) निवल विदेशी आस्तियों और घरेलू आस्तियों दोनों में बढ़ोत्तरी
- (4) निवल विदेशी आस्तियों और घरेलू आस्तियों दोनों में ह्रास

**Options :**

- 92090616397. 1
- 92090616398. 2
- 92090616399. 3
- 92090616400. 4