

18/10/16

DO NOT OPEN THIS TEST BROUJET UNTIL YOU ARE TOLD TO DO SO

ALL INFORMATION

THE PUBLIC SERVICE

Date: 18/10/16

TEST BROUJET
GENERAL STUDIES
Paper-II



Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY ON THE COMMENCEMENT OF THE EXAMINATION, YOU WILL BE INFORMED THAT YOU MAY BEGIN WRITING. YOU WILL BE ADVISED OF THE TIME LEFT FOR YOU TO WRITE. YOU WILL BE ADVISED OF THE TIME LEFT FOR YOU TO WRITE.
 2. There shall be no communication of any kind between candidates and the Public Service Commission and its officers, and no candidate shall be allowed to see any question or answer or to discuss any question or answer.
 3. The Public Service Commission shall be responsible for the security of the examination.
 4. The Public Service Commission shall be responsible for the security of the examination.
 5. The Public Service Commission shall be responsible for the security of the examination.
 6. The Public Service Commission shall be responsible for the security of the examination.
 7. The Public Service Commission shall be responsible for the security of the examination.
 8. The Public Service Commission shall be responsible for the security of the examination.
 9. The Public Service Commission shall be responsible for the security of the examination.
 10. The Public Service Commission shall be responsible for the security of the examination.
- DO NOT OPEN THIS TEST BROUJET UNTIL YOU ARE TOLD TO DO SO



Directions: Answer the following 4 (100) items.

Read the following two fragments and answer the questions that follow. Each question has four options. One of them is the correct one.

Fragment-1

Fragment-1 discusses the role of the government in the economy. It mentions that the government has a responsibility to ensure that the economy is stable and that it has a duty to provide public services. It also talks about the need for the government to regulate the market and to ensure that the interests of the public are protected. The text is a short paragraph that provides a general overview of the government's role in the economy.

Fragment-2 discusses the role of the government in the economy. It mentions that the government has a responsibility to ensure that the economy is stable and that it has a duty to provide public services. It also talks about the need for the government to regulate the market and to ensure that the interests of the public are protected. The text is a short paragraph that provides a general overview of the government's role in the economy.



1. Which of the following is NOT a responsibility of the government?

- (1) Provision of public services
- (2) Regulation of the market
- (3) Provision of public services
- (4) Provision of public services

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 4 only
- (d) 2, 3 and 4

2. Which of the following is NOT a responsibility of the government?

- (1) Provision of public services
- (2) Regulation of the market
- (3) Provision of public services
- (4) Provision of public services

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

आपको यह ध्यान रखना है कि (b) उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)

आपको यह ध्यान रखना है कि (b) उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)

आपको यह ध्यान रखना है कि (b) उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)



प्रश्न (b) में उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)

प्रश्न (b) में उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)

UPSC

प्रश्न (b) में उत्तरों में से कोई एक उत्तर ही सही है। (कृपया ध्यान दें कि प्रश्न (b) में उत्तरों में से एक उत्तर ही सही है।)

(c) केवल 1 और 4
(d) 2, 3 और 4

(a) केवल 1
(b) केवल 2
(c) केवल 3
(d) केवल 4

निम्नलिखित में से सही उत्तर चुनिए।

- (a) बिना किसी भी कारण के, जो कि...
- (b) बिना किसी भी कारण के, जो कि...
- (c) बिना किसी भी कारण के, जो कि...
- (d) बिना किसी भी कारण के, जो कि...

4. निम्नलिखित में से सही उत्तर चुनिए।

- (a) बिना किसी भी कारण के, जो कि...
- (b) बिना किसी भी कारण के, जो कि...
- (c) बिना किसी भी कारण के, जो कि...
- (d) बिना किसी भी कारण के, जो कि...

निम्नलिखित

उपरोक्त में से सही उत्तर चुनिए।

5. निम्नलिखित में से सही उत्तर चुनिए।

- (a) बिना किसी भी कारण के, जो कि...
- (b) बिना किसी भी कारण के, जो कि...
- (c) बिना किसी भी कारण के, जो कि...
- (d) बिना किसी भी कारण के, जो कि...

7. The population growth of a city over a period of 10 years is given by the following table. The population in 1990 was 100,000. The population in 2000 was 150,000. The population in 2010 was 200,000. The population in 2020 was 250,000. The population in 2030 was 300,000. The population in 2040 was 350,000. The population in 2050 was 400,000. The population in 2060 was 450,000. The population in 2070 was 500,000. The population in 2080 was 550,000. The population in 2090 was 600,000. The population in 2100 was 650,000.
- 100,000
 - 150,000
 - 200,000
 - 250,000

8. Consider the following statements:
- The rate of population growth is increasing in the world.
 - The rate of population growth is decreasing in the world.
 - The rate of population growth is constant in the world.
 - The rate of population growth is zero in the world.
9. The population of a city in 1990 was 100,000. The population in 2000 was 150,000. The population in 2010 was 200,000. The population in 2020 was 250,000. The population in 2030 was 300,000. The population in 2040 was 350,000. The population in 2050 was 400,000. The population in 2060 was 450,000. The population in 2070 was 500,000. The population in 2080 was 550,000. The population in 2090 was 600,000. The population in 2100 was 650,000.
- The rate of population growth is increasing in the world.
 - The rate of population growth is decreasing in the world.
 - The rate of population growth is constant in the world.
 - The rate of population growth is zero in the world.

10. A person is driving in a straight line at a constant speed. The distance covered by him is given by the following table. The distance covered in 1 hour is 60 km. The distance covered in 2 hours is 120 km. The distance covered in 3 hours is 180 km. The distance covered in 4 hours is 240 km. The distance covered in 5 hours is 300 km. The distance covered in 6 hours is 360 km. The distance covered in 7 hours is 420 km. The distance covered in 8 hours is 480 km. The distance covered in 9 hours is 540 km. The distance covered in 10 hours is 600 km.
- 1 km north, then 1 km south
 - 1 km south, then 1 km north
 - 1 km north, then 2 km south
 - 2 km north, then 1 km south

11. Consider the following statement:
12. The population of a city in 1990 was 100,000. The population in 2000 was 150,000. The population in 2010 was 200,000. The population in 2020 was 250,000. The population in 2030 was 300,000. The population in 2040 was 350,000. The population in 2050 was 400,000. The population in 2060 was 450,000. The population in 2070 was 500,000. The population in 2080 was 550,000. The population in 2090 was 600,000. The population in 2100 was 650,000.
- 100,000
 - 150,000
 - 200,000
 - 250,000

13. The population of a city in 1990 was 100,000. The population in 2000 was 150,000. The population in 2010 was 200,000. The population in 2020 was 250,000. The population in 2030 was 300,000. The population in 2040 was 350,000. The population in 2050 was 400,000. The population in 2060 was 450,000. The population in 2070 was 500,000. The population in 2080 was 550,000. The population in 2090 was 600,000. The population in 2100 was 650,000.
- The rate of population growth is increasing in the world.
 - The rate of population growth is decreasing in the world.
 - The rate of population growth is constant in the world.
 - The rate of population growth is zero in the world.

14. The population of a city in 1990 was 100,000. The population in 2000 was 150,000. The population in 2010 was 200,000. The population in 2020 was 250,000. The population in 2030 was 300,000. The population in 2040 was 350,000. The population in 2050 was 400,000. The population in 2060 was 450,000. The population in 2070 was 500,000. The population in 2080 was 550,000. The population in 2090 was 600,000. The population in 2100 was 650,000.
- The rate of population growth is increasing in the world.
 - The rate of population growth is decreasing in the world.
 - The rate of population growth is constant in the world.
 - The rate of population growth is zero in the world.

1. कौन सा पद 'अपभ्रंश' है? (1) अक्षर (2) शब्द (3) वाक्य (4) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

2. 'अपभ्रंश' शब्द का अर्थ है -
 (a) अक्षर (b) शब्द (c) वाक्य (d) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

3. 'अपभ्रंश' शब्द का अर्थ है -
 (a) अक्षर (b) शब्द (c) वाक्य (d) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

10. 'अपभ्रंश' शब्द का अर्थ है -
 (a) अक्षर (b) शब्द (c) वाक्य (d) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

11. 'अपभ्रंश' शब्द का अर्थ है -
 (a) अक्षर (b) शब्द (c) वाक्य (d) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

12. 'अपभ्रंश' शब्द का अर्थ है -
 (a) अक्षर (b) शब्द (c) वाक्य (d) वाक्य

- (a) अक्षर
- (b) शब्द
- (c) वाक्य
- (d) वाक्य

[Because the total number of ...
 (1) 16
 (2) 18
 (3) 20
 (4) 22

16. There are 20 balls numbered from 1 to 20 ...
 (a) 1 and 2
 (b) 3 and 4
 (c) 5 and 6
 (d) 7 and 8

Directions for the following 5 (five) items :- Consider the following information and answer the five items that follow:

There are five persons in a group — P, Q, R, S and T. The group has one doctor and one lawyer and two other professions are unaccounted for. T is a man married to one of the group members. Q is the mother of P and is neither doctor nor wife. R is an 08 year old.

15. What is the doctor ?
 (a) T
 (b) R
 (c) Q
 (d) P

16. Who is the lawyer ?
 (a) P
 (b) Q
 (c) R
 (d) S

17. Who is the spouse of Q ?
 (a) S
 (b) T
 (c) R
 (d) P

18. What is the lawyer ?
 (a) P
 (b) Q
 (c) R
 (d) S

19. Who of the following is definitely a man ?
 (a) T
 (b) S
 (c) Q
 (d) None of the above

20. There is an order of 10000 quarts of a particular product from a customer. The firm produces 1000 quantity of that product per day out of which 5% are used for sale. In how many days will the customer be supplied ?
 (a) 18
 (b) 19
 (c) 20
 (d) 21

11. एक वक्र के एक बिंदु का स्पर्श रेखा का समीकरण ज्ञात करें।
 (1) $x = 1$
 (2) $x = 2$
 (3) $x = 3$
 (4) $x = 4$

12. एक वक्र का समीकरण ज्ञात करें।
 (1) $x = 1$
 (2) $x = 2$
 (3) $x = 3$
 (4) $x = 4$

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

13. निम्नलिखित में से सही विकल्प चुनिए।
 एक वक्र के एक बिंदु का स्पर्श रेखा का समीकरण ज्ञात करें।
 (1) $x = 1$
 (2) $x = 2$
 (3) $x = 3$
 (4) $x = 4$

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

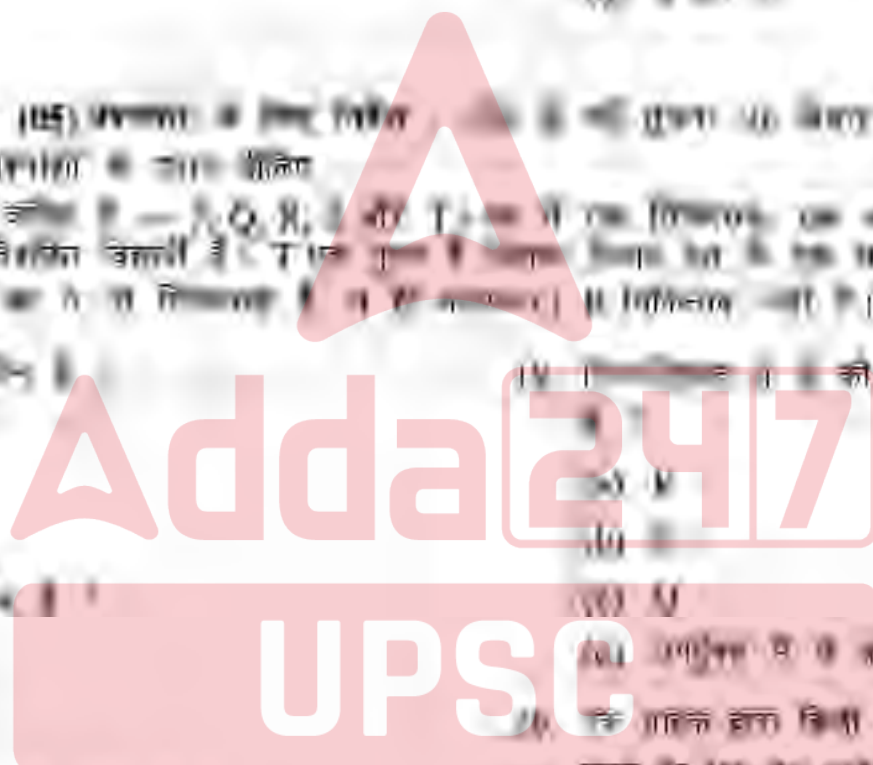
- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4

- (1) 1
- (2) 2
- (3) 3
- (4) 4



...the

Answer 1

... ..

... ..

... ..

21. What are the

... ..

- 1. Lack of sustainable supply of human resources
- 2. Human production inconsistent with food production
- 3. may not always be best

Select the correct answer using the code given below.

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

... ..

... ..

... ..

... ..



1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.

23. In the context of being a nation, which of the following is not the characteristic assumption of the sustainability paradigm of Jaisankar?

1. Welfare as a goal and growth generation should meet all the present and future requirements of the world.
2. Welfare as a goal and growth generation should be achieved through the use of natural and human resources.
3. Welfare as a goal and growth generation could help in reducing resource scarcities, poverty, and other social inequalities.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 1 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

24. With reference to the various following assumptions, how many are correct?

1. The world (developing world) should be the one of high growth for the co-existence with the countries with low growth.
2. It is not possible to use the natural resources for present generation without disrupting natural and forest resources.

Which of these assumptions is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Answer-2

We are witnessing a dramatic doubling of humanity in the next 40 years. The present population is a colossal figure. Over the years, there have been a lot of costly and unproductive steps in the field of agriculture, such as the use of chemical fertilizers and pesticides, which have resulted in a gradually infertile and polluted soil and water resources. There is a need to ensure that the present and future generations have access to sufficient food and water. The use of natural resources should be managed in a sustainable manner. The use of natural resources should be managed in a sustainable manner. The use of natural resources should be managed in a sustainable manner.

Which of the following is the most correct and rational response to the above passage?

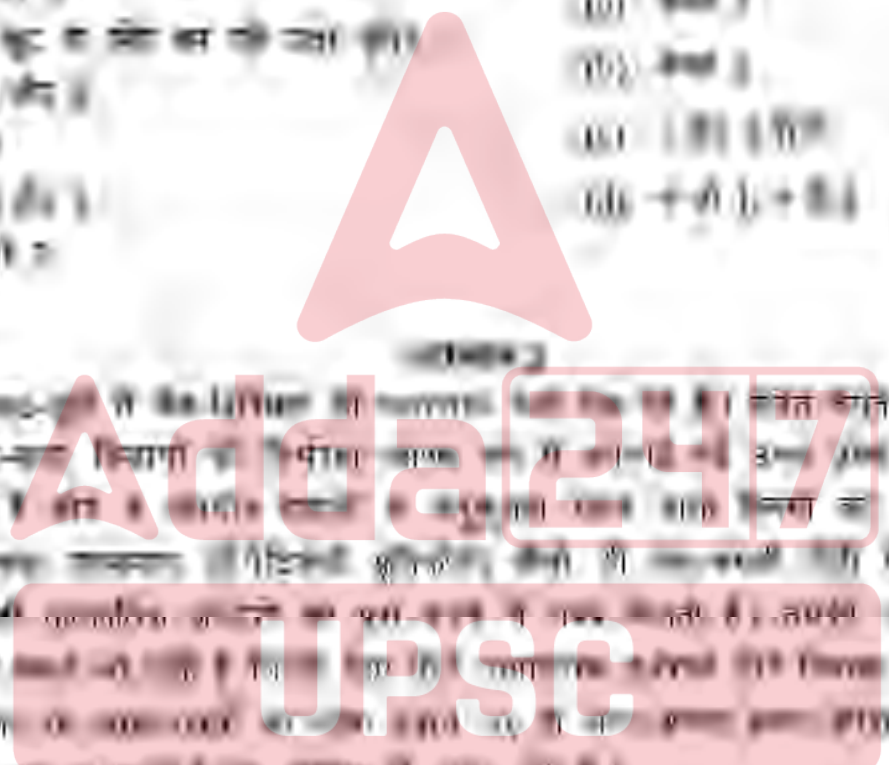
- (a) To use agricultural resources in a sustainable manner depends on how the present and future generations use the natural resources.
- (b) Agricultural yield will increase with high yield varieties and quality of soil and water resources.
- (c) Agricultural yield will increase with high yield varieties and quality of soil and water resources.
- (d) Some government policies should be adopted to make people use natural resources in a sustainable manner.

23. निम्नलिखित में से प्रत्येक के लिए एक वाक्य लिखिए।
 (a) अक्षरों का प्रयोग।
 (b) अक्षरों का प्रयोग।
 (c) अक्षरों का प्रयोग।
 (d) अक्षरों का प्रयोग।
 (e) अक्षरों का प्रयोग।

24. निम्नलिखित में से प्रत्येक के लिए एक वाक्य लिखिए।
 (a) अक्षरों का प्रयोग।
 (b) अक्षरों का प्रयोग।
 (c) अक्षरों का प्रयोग।
 (d) अक्षरों का प्रयोग।
 (e) अक्षरों का प्रयोग।

- (a) 100
 (b) 100
 (c) 100
 (d) 100
 (e) 100

- (a) 100
 (b) 100
 (c) 100
 (d) 100



उपरोक्त प्रश्नों के उत्तर देने के लिए आपको निम्नलिखित बातें ध्यान में रखनी चाहिए।
 (a) प्रश्नों में दिए गए शब्दों का अर्थ समझें।
 (b) प्रश्नों में दिए गए शब्दों का अर्थ समझें।
 (c) प्रश्नों में दिए गए शब्दों का अर्थ समझें।
 (d) प्रश्नों में दिए गए शब्दों का अर्थ समझें।
 (e) प्रश्नों में दिए गए शब्दों का अर्थ समझें।

25. निम्नलिखित में से प्रत्येक के लिए एक वाक्य लिखिए।
 (a) अक्षरों का प्रयोग।
 (b) अक्षरों का प्रयोग।
 (c) अक्षरों का प्रयोग।
 (d) अक्षरों का प्रयोग।
 (e) अक्षरों का प्रयोग।

26. A class starts at 11:00 am and lasts till 2:27 pm. Four periods of equal duration are held during this interval. After every period, a rest of 5 minutes is given to the students. The exact duration of each period is :

- (a) 48 minutes
- (b) 50 minutes
- (c) 51 minutes
- (d) 53 minutes

27. Four friends A, B, C, and D want to cross a bridge. A maximum of two persons can cross it at a time. It is night and they just have one lamp. Every time that crosses the bridge must carry the lamp in that way. A pair must walk together at the speed of slower person. After crossing the bridge, the person having faster speed in the pair will return with the lamp each time to accompany another person to the other side. Finally, the lamp has to be returned at the original place and the person who returns the lamp has to cross the bridge again without lamp. To cross the bridge, the time taken by them is as follows, A - 1 minute, B - 2 minutes, C - 7 minutes and D - 10 minutes. What is the least minimum time required by all the friends to cross the bridge?

- (a) 25 minutes
- (b) 32 minutes
- (c) 21 minutes
- (d) 20 minutes

28. 30 g of sugar was mixed in 180 ml water in a vessel A, 40 g of sugar was mixed in 280 ml of water in vessel B and 30 g of sugar was mixed in 100 ml of water in vessel C. The solution in vessel B is

- (a) sweeter than that in C.
- (b) sweeter than that in A.
- (c) as sweet as that in C.
- (d) less sweet than that in C.

29. In aid of charity, every student in a class contributes as many rupees as the number of students in that class. With the additional contribution of Rs. 2 by one student only, the total collection is Rs. 441. Then how many students are there in the class?

- (a) 15
- (b) 21
- (c) 31
- (d) 32

30. A student's mathematics test had 70 problems. Correctly solved marks (4 = 10 incorrectly solved) and 30 geometry. A student answered 2/3 of the arithmetic and 1/4 of the algebra and 7/8 of the problems correctly, she still got 60% marks. The number of problems she could have to answer correctly to score 75% is

- (a) 1
- (b) 2
- (c) 7
- (d) 9

31. In a class, there are 18 very tall boys. If these constitute three-fourths of the boys and the total number of boys is two-thirds of the total number of students in the class, what is the number of girls in the class?

- (a) 6
- (b) 12
- (c) 18
- (d) 21

26. एक कक्षा पूर्वदिष्ट 11:00 बजे पंजाब जाती है और अपराह्नत 2:17 बजे कोलकाता जाती है। उस यात्रा में गाड़ी समान गति के साथ चल रही है। प्रत्येक घण्टा के बाद शहरों का 5 मिनट का विराम दिया जाता है। प्रत्येक घण्टा के कि-टिक अर्धि कितनी है ?
- (a) 48 मिनट
(b) 50 मिनट
(c) 51 मिनट
(d) 53 मिनट
27. चार मित्रों A, B, C और D को एक पुस्तक को देना करना है। पुस्तक को एक मनुष्य से अधिक को पढ़ने की अनुमति नहीं दी जाती है। चारों को अलग-अलग पुस्तक को पढ़ने के लालटेन हैं। पुस्तक को पढ़ने की शक्ति के रूप में उनकी क्षमताएँ क्रमशः 1, 2, 3 और 4 हैं। एक साथ कितनी पढ़ने के व्यक्तिगत रूप से कितने लोगों को देना है कि वे सभी पुस्तक को पढ़ सकें। प्रत्येक पुस्तक को अलग-अलग को देना एक मिनट के लालटेन से अधिक समय लेता है। यदि वे लालटेन को अपने हाथ में ले सकते हैं तो एक लालटेन का उपयोग करके सभी पुस्तक को पढ़ सकते हैं। पुस्तक को पढ़ने के लिए कितने मिनट चाहिए ?
- (a) 2 मिनट
(b) 22 मिनट
(c) 21 मिनट
(d) 20 मिनट
28. गाड़ी A से 30 ग्राम शक्ति का 180 मीलों तक ले मिलता है। गाड़ी B से 40 ग्राम शक्ति का 280 मीलों तक ले मिलता है। और गाड़ी C से 20 ग्राम शक्ति का 100 मीलों तक ले मिलता है। गाड़ी C का विलम्ब कितना है ?
- (a) C के विलम्ब से अधिक शीघ्र
(b) A के विलम्ब से अधिक शीघ्र
(c) B के विलम्ब के समान शीघ्र
(d) C के विलम्ब से कम शीघ्र
29. धर्मों का नाम है, सिद्धी कक्षा में प्रत्येक विद्यार्थी अपने लय देता है कितनी उस कक्षा में विद्यार्थियों की संख्या है। केवल एक विद्यार्थी के 2 लय शामिल होने पर कुल लय 483 लय है। तो कक्षा में कितने विद्यार्थी हैं ?
- (a) 12
(b) 21
(c) 43
(d) 48
30. अनिरुध को अपना परिवार में 70 लय अलग-अलग को दे 2 मिनट 10 घण्टा तक ले, जो कक्षा में क्रमशः 30 लयों के लय। प्रत्येक लय के लयों के लय, को शक्ति के 483 लय। अनिरुध के 483 लयों को लेनी उतरा दिया, जो लय में लय लेनी हुई क्योंकि लय एक 483 लय में लय है। अपने कितने और लयों के लय लय 180 लय लय के लय 40% का लय लय लय लय
- (a) 1
(b) 2
(c) 3
(d) 4
(e) 5
31. एक कक्षा में 18 लड़कियाँ लय लय हैं। लड़कियों के लड़कों की कुल संख्या के लय-लय हैं और लड़कों की लय कक्षा के लय लय लय लय की ल-लय है, तो कक्षा में लय लय की संख्या क्या है ?
- (a) 6
(b) 12
(c) 18
(d) 30

- Q7. Consider the following statements:
- A is either B or C are of the same age or A is older than B .
 - B is either C and D are of the same age or C is older than D .
 - D is older than C .
- Which of the following combinations can be true if these three statements are true?
- A is older than B .
 - B is older than C .
 - C is older than D .
 - D is older than C .

- Q8. The monthly average sales were 500 in 2000. The employment & company was 1000. The monthly average salary paid to each and every employee was Rs. 5200 and Rs. 4200 respectively. Then the percentage of employees in the company is
- 75%
 - 85%
 - 80%
 - 95%

Directions for the following 3 (three) items: Consider the given information and answer the items given below.

The following 4 (four) balls (A, B, C and D) were painted with 4 different colours (red, yellow, indigo, blue) given below and numbered 100, 200, 300 and 400 respectively. The balls were painted with the following 4 (four) colours: A is painted with red, B is painted with yellow, C is painted with indigo and D is painted with blue. The balls were numbered as follows: A is numbered 100, B is numbered 200, C is numbered 300 and D is numbered 400. The balls were numbered as follows: A is numbered 100, B is numbered 200, C is numbered 300 and D is numbered 400. The balls were numbered as follows: A is numbered 100, B is numbered 200, C is numbered 300 and D is numbered 400. The balls were numbered as follows: A is numbered 100, B is numbered 200, C is numbered 300 and D is numbered 400.

- Q9. Which of the following statements is/are correct?
- D is painted yellow.
 - B is painted indigo.
 - B is painted blue.
 - All of the above.
- Q10. Which of the following statements is/are correct?
- 100 is painted yellow.
 - 200 is painted indigo.
 - 300 is painted blue.
 - All of the above.

10. निम्नलिखित वर्णों पर ध्यान दें—
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- निम्नलिखित में से सही विकल्प चुनिए—
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

11. निम्नलिखित में से सही विकल्प चुनिए—
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

12. निम्नलिखित में से सही विकल्प चुनिए—

13. निम्नलिखित में से सही विकल्प चुनिए—

14. निम्नलिखित में से सही विकल्प चुनिए—
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
15. निम्नलिखित में से सही विकल्प चुनिए—
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
 - A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

7. The number X and Y are respectively 10% and 20% less than a third number Z . The ratio of X to Y is the same as the ratio of Z to the number X .

- (a) 135
- (b) 120
- (c) 108
- (d) 90

8. A July train of 1000 cars increased between 1990 and 1991 by 10% and the number of cars in 1991 was 1100. The number of cars in 1990 was 1000. Find the number of cars in 1992. The number of cars in 1992 was 1210.

- (A) 1100
- (B) 1210
- (C) 1331
- (D) 1464

9. A piece of wire is in the form of a rectangle having length 12 cm and width 8 cm. This is used to construct a circle. The radius of the circle is

- (a) 2 cm
- (b) 4 cm
- (c) 6 cm
- (d) 8 cm

10. In a secondary school there are five sections of 50, 40, 30, 20 and 10 students. The marks in the five sections are 10, 20, 30, 40 and 50. The average mark of the five sections is 20. The number of students in the five sections is

- (a) 10
- (b) 18
- (c) 60
- (d) 17

Directions for the following 5 (five) items :

Read the following eight passages and answer the questions that follow. Your answers should be based on the passages.

Passage 1

My killing spree was not unusual. I had killed five people in the past few years. I was a professional killer. I was hired to kill people who were in the way of my business. I was a professional killer. I was hired to kill people who were in the way of my business. I was a professional killer. I was hired to kill people who were in the way of my business.

- (1). Which would be the correct title for the above passage?
 - (a) Killing spree
 - (b) Professional killer
 - (c) My business
 - (d) I was a professional killer

17. If a number is divided by 7, the remainder is 2. If the number is divided by 10, the remainder is 3. What is the remainder when the number is divided by 70?

- (A) 1
- (B) 10
- (C) 2
- (D) 3

18. A number when divided by 10 leaves a remainder of 3. If the number is divided by 100, the remainder is 30. What is the remainder when the number is divided by 1000?

- (A) 3
- (B) 30
- (C) 300
- (D) 3000

19. A number when divided by 12 leaves a remainder of 5. If the number is divided by 18, the remainder is 11. What is the remainder when the number is divided by 36?

- (A) 2
- (B) 11
- (C) 17
- (D) 23

20. A number when divided by 15 leaves a remainder of 10. If the number is divided by 20, the remainder is 14. What is the remainder when the number is divided by 60?

- (A) 10
- (B) 14
- (C) 19
- (D) 24

21. A number when divided by 11 leaves a remainder of 4. If the number is divided by 13, the remainder is 8. What is the remainder when the number is divided by 143?

22. A number when divided by 17 leaves a remainder of 10. If the number is divided by 21, the remainder is 14. What is the remainder when the number is divided by 119?

23. A number when divided by 19 leaves a remainder of 12. If the number is divided by 23, the remainder is 16. What is the remainder when the number is divided by 439?

of India's development by the transfer of resources of technology and know-how to the control of our development concerns. For joining a globalized world, the world's support from abroad is the only way to develop. The technology and know-how are the only way to support economic development, including social and environmental and ecological information services. Some of these services are given in the form of loans, grants and other financial assistance.

13. Which is the main logical and rational solution that can be made from the above passage?
- (A) It is difficult to provide financial support to an ill-developed country.
 - (B) Developing and underdeveloped countries are the main concern of the world.
 - (C) Even developmental activity is difficult in the world's global economic system.
 - (D) Global financial support is necessary to underdeveloped countries' development.

Disincentive is the role of technology in the development of a country's economic activity. The main incentive of the country is the economic activity and the incentive is mainly technology. That and technology is the only way to support economic development. In the world's global economic system, the only way to support economic development is through technology. The only way to support economic development is through technology.

14. Which among the following is the correct solution that can be made from the above passage?
- (A) Incentive is the only way to support economic development.
 - (B) We cannot get possible economic development without technology.
 - (C) Incentive is the only way to support economic development.
 - (D) Incentive is the only way to support economic development.

The Government of India has decided to start a new scheme of financial and technical assistance to the underdeveloped and less developed countries. This scheme is a part of the government's policy for the development of the underdeveloped and less developed countries.

15. Which one of the following is the correct solution that can be made from the above passage?
- (A) Help for poor countries and underdeveloped countries.
 - (B) Help for a global development of all countries and the underdeveloped.
 - (C) Help to integrate financial and technical assistance.
 - (D) Help to promote financial assistance.

Paragraph

The passage discusses the importance of maintaining a healthy environment. It highlights the need for sustainable development, which involves meeting the needs of the present without compromising the ability of future generations to meet their own needs. The text emphasizes the role of individuals, communities, and governments in protecting natural resources and promoting environmental awareness.

41. Which of the following statements are correct?
- (i) The environment is a common good.
 - (ii) The environment is a finite resource.
- Which of the statements given above are correct?
- (a) I only
 - (b) II only
 - (c) Both I and II
 - (d) Neither I nor II

Paragraph

The passage discusses the importance of maintaining a healthy environment. It highlights the need for sustainable development, which involves meeting the needs of the present without compromising the ability of future generations to meet their own needs. The text emphasizes the role of individuals, communities, and governments in protecting natural resources and promoting environmental awareness.

42. Which of the following statements are correct?
- (i) The environment is a common good.
 - (ii) The environment is a finite resource.
- Which of the statements given above are correct?
- (a) I only
 - (b) II only
 - (c) Both I and II
 - (d) Neither I nor II

Paragraph

The passage discusses the importance of maintaining a healthy environment. It highlights the need for sustainable development, which involves meeting the needs of the present without compromising the ability of future generations to meet their own needs. The text emphasizes the role of individuals, communities, and governments in protecting natural resources and promoting environmental awareness.

43. Which of the following statements are correct?
- (i) The environment is a common good.
 - (ii) The environment is a finite resource.
- Which of the statements given above are correct?
- (a) I only
 - (b) II only
 - (c) Both I and II
 - (d) Neither I nor II

संकेत-3

दिए गए प्रश्नों में प्रत्येक का उत्तर लिखिए। प्रत्येक प्रश्न का उत्तर 100 शब्दों में लिखिए। प्रश्नों में दिए गए सूचनाओं का उपयोग करके उत्तर लिखिए।

4. निम्न प्रश्नों में कल्पना की प्रतिक्रिया का उदाहरण लिखिए।
1. कल्पना का उत्तर लिखिए कि वह क्या करेगी।
 2. कल्पना का उत्तर लिखिए कि वह क्या करेगी।
- उत्तर लिखिए।
- (a) कल्पना
 - (b) कल्पना
 - (c) कल्पना
 - (d) कल्पना

संकेत-4

दिए गए प्रश्नों में प्रत्येक का उत्तर लिखिए। प्रत्येक प्रश्न का उत्तर 100 शब्दों में लिखिए। प्रश्नों में दिए गए सूचनाओं का उपयोग करके उत्तर लिखिए।

5. निम्न प्रश्नों में कल्पना की प्रतिक्रिया का उदाहरण लिखिए।
- (a) कल्पना का उत्तर लिखिए कि वह क्या करेगी।
 - (b) कल्पना का उत्तर लिखिए कि वह क्या करेगी।

संकेत-5

दिए गए प्रश्नों में प्रत्येक का उत्तर लिखिए। प्रत्येक प्रश्न का उत्तर 100 शब्दों में लिखिए। प्रश्नों में दिए गए सूचनाओं का उपयोग करके उत्तर लिखिए।

6. निम्न प्रश्नों में कल्पना की प्रतिक्रिया का उदाहरण लिखिए।
- (a) कल्पना का उत्तर लिखिए कि वह क्या करेगी।
 - (b) कल्पना का उत्तर लिखिए कि वह क्या करेगी।

At the 1st summit of global green energy, participants from 100 countries (including 145 representatives from the private sector) have agreed to reduce greenhouse gas emissions and energy demand. The summit has agreed to reduce global CO₂ emissions from 2010 to 2050 by 50%. The summit has also agreed to reduce global energy demand by 20% by 2050. The summit has also agreed to reduce global energy demand by 20% by 2050. The summit has also agreed to reduce global energy demand by 20% by 2050.

48. Which of the following is the best approach to reduce greenhouse gas emissions?
 - (a) Using fossil fuels
 - (b) Using nuclear power
 - (c) Using renewable energy
 - (d) Using coal
49. Which of the following is the best approach to reduce greenhouse gas emissions?
 - (a) Using fossil fuels
 - (b) Using nuclear power
 - (c) Using renewable energy
 - (d) Using coal

50. A person is walking from point A to point B. The distance between A and B is 10 km. The person walks at a speed of 5 km/hr. How long will it take to reach point B?
 - (a) 2 hours
 - (b) 1.5 hours
 - (c) 1 hour
 - (d) 0.5 hours
51. The total revenue of a company is ₹ 1000. The cost of production is ₹ 600. The profit is ₹ 400. What is the profit margin?
 - (a) 40%
 - (b) 30%
 - (c) 20%
 - (d) 10%

52. The total revenue of a company is ₹ 1000. The cost of production is ₹ 600. The profit is ₹ 400. What is the profit margin?
 - (a) 40%
 - (b) 30%
 - (c) 20%
 - (d) 10%

53. A rectangular field has a length of 100 m and a breadth of 50 m. What is the area of the field?
 - (a) 5000 sq m
 - (b) 10000 sq m
 - (c) 20000 sq m
 - (d) 30000 sq m
54. A person is walking from point A to point B. The distance between A and B is 10 km. The person walks at a speed of 5 km/hr. How long will it take to reach point B?
 - (a) 2 hours
 - (b) 1.5 hours
 - (c) 1 hour
 - (d) 0.5 hours

55. The total revenue of a company is ₹ 1000. The cost of production is ₹ 600. The profit is ₹ 400. What is the profit margin?
 - (a) 40%
 - (b) 30%
 - (c) 20%
 - (d) 10%
56. A person is walking from point A to point B. The distance between A and B is 10 km. The person walks at a speed of 5 km/hr. How long will it take to reach point B?
 - (a) 2 hours
 - (b) 1.5 hours
 - (c) 1 hour
 - (d) 0.5 hours

57. The total revenue of a company is ₹ 1000. The cost of production is ₹ 600. The profit is ₹ 400. What is the profit margin?
 - (a) 40%
 - (b) 30%
 - (c) 20%
 - (d) 10%

प्रश्न 9) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

- 9) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।
- (a) 44 सेंटीमीटर
- (b) 48 सेंटीमीटर
- (c) 52 सेंटीमीटर
- (d) 56 सेंटीमीटर

10) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

11) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

12) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

13) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

14) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

15) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।

- 16) एक वृत्त का क्षेत्रफल 154 वर्ग सेंटीमीटर है। इस वृत्त की परिधि ज्ञात करें।
- (a) 44 सेंटीमीटर
- (b) 48 सेंटीमीटर
- (c) 52 सेंटीमीटर
- (d) 56 सेंटीमीटर

Direction for the following 5 (three items) questions are given elsewhere and apply to these items (a) to (e):

When three circles of radii a , b and c touch each other externally, the centers of the circles are at the vertices of a triangle. The distance between any two centers is the sum of their radii. Further, we have that

1. radius of the circle with center A is 10 units
2. $b = 2c$
3. $\angle A$ is a right angle
4. $\angle B$ is a right angle
5. $\angle C$ is a right angle
6. Each of the three circles touches the other two circles

24. What is the radius of the circle with center A ?

- (a) 10
- (b) 20
- (c) 30
- (d) Cannot be determined

25. What is the radius of the circle with center B ?

- (a) 5
- (b) 10
- (c) 15
- (d) Cannot be determined

26. What is the radius of the circle with center C ?

- (a) 5
- (b) 10
- (c) 15
- (d) Cannot be determined

27. A circle is inscribed in a square with side length 10. A point is marked on the circle. The distance from the center of the circle to this point is 5. The distance from the center of the circle to the point is 5.

- (a) 10
- (b) 5
- (c) 15
- (d) 20

28. A circle is inscribed in a square with side length 10. A point is marked on the circle. The distance from the center of the circle to this point is 5. The distance from the center of the circle to the point is 5.

- (a) 10
- (b) 5
- (c) 15
- (d) 20

29. A circle is inscribed in a square with side length 10. A point is marked on the circle. The distance from the center of the circle to this point is 5. The distance from the center of the circle to the point is 5.

- (a) 10
- (b) 5
- (c) 15
- (d) 20

किस प्रकार के 2 (दो) प्रकार के हैं। (निम्न)। (अनादि) गुण या भाव (अविनाश) के कारण
 प्रकृतिक संसार के रूप में।

किस प्रकार के 2 (दो) प्रकार के हैं। (निम्न)। (अनादि) गुण या भाव (अविनाश) के कारण
 प्रकृतिक संसार के रूप में।

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...

34. ...

- | | |
|--|--|
| <ol style="list-style-type: none"> (a) ... (b) ... (c) ... (d) ... | <ol style="list-style-type: none"> (a) ... (b) ... (c) ... (d) ... |
|--|--|

35. ...

- | | |
|--|--|
| <ol style="list-style-type: none"> (a) ... (b) ... (c) ... (d) ... | <ol style="list-style-type: none"> (a) ... (b) ... (c) ... (d) ... |
|--|--|

36. ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

... 12 किमी ... 10 किमी ...

14. A group of 100 people were asked to complete a task in 10 days. If 20 people were absent, how long would they take to complete the task?

- (a) 12 days
- (b) 15 days
- (c) 16 days
- (d) 18 days

15. A military code consists of 4 letters. The first letter is 'M', the second is 'N', the third is 'O', and the fourth is 'P'. How many different codes can be formed?

- (a) 16
- (b) 24
- (c) 32
- (d) 48

16. If x and y are integers such that $x + y$ is divisible by 3, then which of the following is not necessarily true?

- (a) $x - y$ is divisible by 3
- (b) $x + 2y$ is divisible by 3
- (c) $x + 3y$ is divisible by 3
- (d) $x^2 + y^2$ is divisible by 3

17. The average of 10 numbers is 15. If 20 is added to each number, what will be the new average?

- (a) 10
- (b) 11
- (c) 12
- (d) None of these

Directions for the following 8 (eight) items : Read the following five paragraphs and answer the questions that follow each paragraph. Your answer in these items should be based on the passage only.

Paragraph 1

As we look to 2025, when we will need to find two billion more people, the question of which day school has shown an extraordinary growth is crucial. The focus is on the growth of the school system, which is the backbone of the education system. The school system is the backbone of the education system, and it is the backbone of the education system. The school system is the backbone of the education system, and it is the backbone of the education system.

- Q. Why is the school system important to the development of the country?
- (a) The increasing demand for higher quality education puts a greater burden on the school system.
 - (b) The increasing demand for higher quality education puts a greater burden on the school system.
 - (c) The increasing demand for higher quality education puts a greater burden on the school system.
 - (d) The increasing demand for higher quality education puts a greater burden on the school system.

Q1. The following are the names of the states of India. Which one of them is not a state?

- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh

Q2. Which of the following is not a state of India?

- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh

Q3. Which of the following is not a state of India?

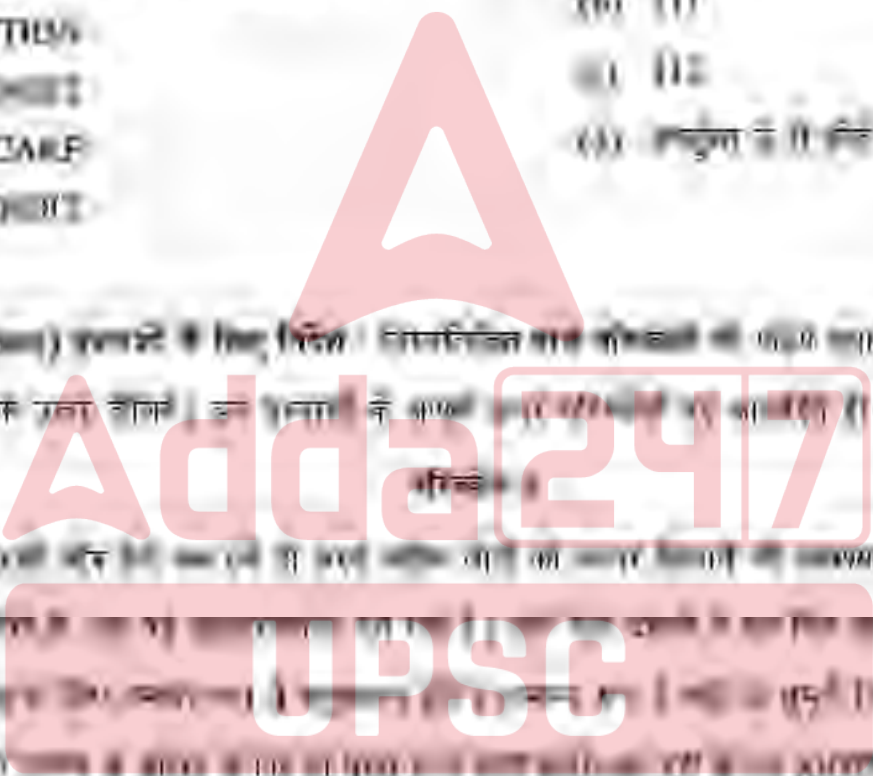
- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh

Q4. Which of the following is not a state of India?

- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh

Q5. Which of the following is not a state of India?

- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh



Q6. Which of the following is not a state of India?

- (a) Jammu & Kashmir
- (b) Punjab
- (c) Haryana
- (d) Chandigarh

Passage-1

All human beings possess skills as tools, but some skills have long developed 10,000 years ago. Skills were used in local societies and then spread to other societies making the human world. From the early human societies, the human world after various human beings skills & human communication advances in different ways. Some human activities have been called human skills. The public has been called human skills. The human world has been called human skills. The human world has been called human skills. The human world has been called human skills.

- Which among the following is the most likely consequence of the above passage?
- (a) About 10,000 years ago, the human world, it already had skills in some ways.
 - (b) A person can be in the world of a community and still have a skill.
 - (c) Human beings possess skills as tools, but some skills have long developed.
 - (d) Skills were used in local societies and then spread to other societies.

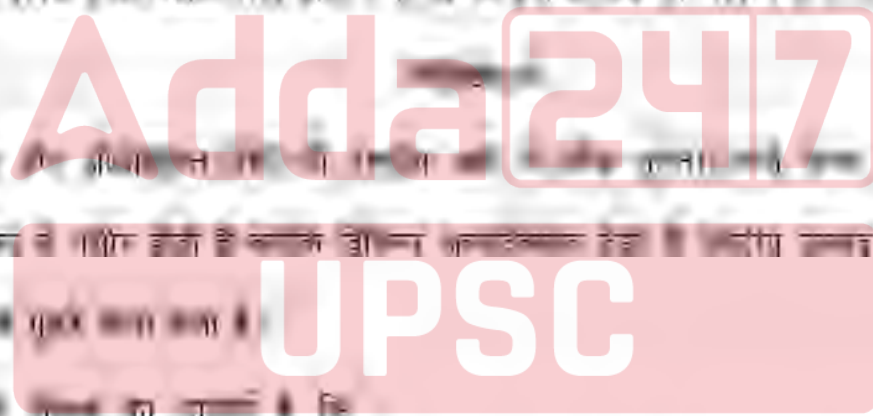
Passage-2

Theoretical difficulties of the national income, expenditure, balance of payments, industrial structure, etc. are not the same. The national income is the sum of all the goods and services produced in a country during a period of time. The national income is the sum of all the goods and services produced in a country during a period of time.

- Which among the following is the most likely consequence of the above passage?
- (a) The national income is the sum of all the goods and services produced in a country during a period of time.
 - (b) The balance of payments is the sum of all the goods and services produced in a country during a period of time.
 - (c) The industrial structure is the sum of all the goods and services produced in a country during a period of time.
 - (d) The national income is the sum of all the goods and services produced in a country during a period of time.

एक प्रमुख विचारों में से कि दुर्गम क्षेत्रों में, अल्प संख्यावासी क्षेत्रों में वसा-अवधि के कारण-
 किंचित अल्पसे कि एक सप्ताह तक, या दो-तीन सप्ताह तक अल्पसंख्या-वर्गीय क्षेत्रों में एक-एक-एक-एक-एक-एक-
 अल्पसंख्या-वर्गीय क्षेत्रों में, कि अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में
 अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में
 अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में
 अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में
 अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में अल्पसंख्या-वर्गीय क्षेत्रों में

24. निम्नलिखित में से सही विकल्प चुनिए।
- (a) भारत की राजधानी का नाम है, जो कि है।
 - (b) भारत की राजधानी का नाम है, जो कि है।
 - (c) भारत की राजधानी का नाम है, जो कि है।
 - (d) भारत की राजधानी का नाम है, जो कि है।



25. निम्नलिखित में से सही विकल्प चुनिए।
- (a) भारत की राजधानी का नाम है, जो कि है।
 - (b) भारत की राजधानी का नाम है, जो कि है।
 - (c) भारत की राजधानी का नाम है, जो कि है।
 - (d) भारत की राजधानी का नाम है, जो कि है।

Example 1

According to the given data, the correct answer is (b). The reason is that the function $f(x) = \sin(x)$ is an odd function and the period of $\sin(x)$ is 2π . Therefore, $f(x) = \sin(x)$ is a periodic function with period 2π . The function $f(x) = \sin(x)$ is not a constant function, so it is not a constant function. The function $f(x) = \sin(x)$ is not a linear function, so it is not a linear function. The function $f(x) = \sin(x)$ is not a quadratic function, so it is not a quadratic function. The function $f(x) = \sin(x)$ is not a cubic function, so it is not a cubic function. The function $f(x) = \sin(x)$ is not a quartic function, so it is not a quartic function. The function $f(x) = \sin(x)$ is not a quintic function, so it is not a quintic function. The function $f(x) = \sin(x)$ is not a sextic function, so it is not a sextic function. The function $f(x) = \sin(x)$ is not a septic function, so it is not a septic function. The function $f(x) = \sin(x)$ is not an octic function, so it is not an octic function. The function $f(x) = \sin(x)$ is not a nonic function, so it is not a nonic function. The function $f(x) = \sin(x)$ is not a decic function, so it is not a decic function.

- (a) According to the following information, the correct answer is (b).
 - (i) The function $f(x)$ is a constant function.
 - (ii) The function $f(x)$ is a linear function.
 - (iii) The function $f(x)$ is a quadratic function.
 - (iv) The function $f(x)$ is a cubic function.
 - (v) The function $f(x)$ is a quartic function.
 - (vi) The function $f(x)$ is a quintic function.
 - (vii) The function $f(x)$ is a sextic function.
 - (viii) The function $f(x)$ is a septic function.
 - (ix) The function $f(x)$ is an octic function.
 - (x) The function $f(x)$ is a nonic function.
 - (xi) The function $f(x)$ is a decic function.

Example 2

According to the given data, the correct answer is (b). The reason is that the function $f(x) = \sin(x)$ is an odd function and the period of $\sin(x)$ is 2π . Therefore, $f(x) = \sin(x)$ is a periodic function with period 2π . The function $f(x) = \sin(x)$ is not a constant function, so it is not a constant function. The function $f(x) = \sin(x)$ is not a linear function, so it is not a linear function. The function $f(x) = \sin(x)$ is not a quadratic function, so it is not a quadratic function. The function $f(x) = \sin(x)$ is not a cubic function, so it is not a cubic function. The function $f(x) = \sin(x)$ is not a quartic function, so it is not a quartic function. The function $f(x) = \sin(x)$ is not a quintic function, so it is not a quintic function. The function $f(x) = \sin(x)$ is not a sextic function, so it is not a sextic function. The function $f(x) = \sin(x)$ is not a septic function, so it is not a septic function. The function $f(x) = \sin(x)$ is not an octic function, so it is not an octic function. The function $f(x) = \sin(x)$ is not a nonic function, so it is not a nonic function. The function $f(x) = \sin(x)$ is not a decic function, so it is not a decic function.

- (b) According to the above information, the correct answer is (b).
 - (i) The function $f(x)$ is a constant function.
 - (ii) The function $f(x)$ is a linear function.
 - (iii) The function $f(x)$ is a quadratic function.
 - (iv) The function $f(x)$ is a cubic function.
 - (v) The function $f(x)$ is a quartic function.
 - (vi) The function $f(x)$ is a quintic function.
 - (vii) The function $f(x)$ is a sextic function.
 - (viii) The function $f(x)$ is a septic function.
 - (ix) The function $f(x)$ is an octic function.
 - (x) The function $f(x)$ is a nonic function.
 - (xi) The function $f(x)$ is a decic function.

[Faint paragraph of text, likely a question or introductory statement.]

- Q. [Faint question text]
- (a) [Faint option]
 - (b) [Faint option]
 - (c) [Faint option]
 - (d) [Faint option]

[Large faint paragraph of text, possibly a detailed question or a long answer. A large 'A' watermark is visible over this section.]

Adda247

UPSC

- Q. [Faint question text]
- (a) [Faint option]
 - (b) [Faint option]
 - (c) [Faint option]
 - (d) [Faint option]

66. A country is facing a balance of payment problem. Which of the following is not a measure to solve it?
- to reduce the foreign exchange reserves
 - to reduce the foreign exchange earnings
 - to reduce the foreign exchange outflow
 - to reduce the foreign exchange inflow

67. According to the Harrod-Domar model, which of the following is not a condition for growth?
- to have a constant rate of population growth
 - to have a constant rate of technological progress
 - to have a constant rate of capital formation
 - to have a constant rate of saving

68. Which of the following is not a characteristic of a public good?
- to be non-rival
 - to be non-excludable
 - to be excludable
 - to be rival

69. The main reason for the existence of a public good is:
- to provide a benefit to the society
 - to provide a benefit to the individual
 - to provide a benefit to the government
 - to provide a benefit to the market

70. Which of the following is not a characteristic of a public good?
- to be non-rival
 - to be non-excludable
 - to be excludable
 - to be rival

71. Which of the following is not a characteristic of a public good?
- to be non-rival
 - to be non-excludable
 - to be excludable
 - to be rival

72. Which of the following is not a characteristic of a public good?
- to be non-rival
 - to be non-excludable
 - to be excludable
 - to be rival

73. A circular market has a radius of 2 m and a length of 7 m. It is filled with a uniform distribution of people. How many people can be accommodated in the market?
- 175
 - 165
 - 155
 - 145

74. A circular market has a radius of 2 m and a length of 7 m. It is filled with a uniform distribution of people. How many people can be accommodated in the market?
- 175
 - 165
 - 155
 - 145

75. A circular market has a radius of 2 m and a length of 7 m. It is filled with a uniform distribution of people. How many people can be accommodated in the market?
- 175
 - 165
 - 155
 - 145

61. भारतीय संविधान के अनुसार राज्य की संख्या कितनी है? (2010)
- 28
 - 29
 - 30
 - 31

62. भारत का सबसे बड़ा राज्य कौन सा है? (2010)
- महाराष्ट्र
 - उत्तर प्रदेश
 - गुजरात
 - राजस्थान

63. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

64. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

65. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

66. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

67. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

68. भारत का सबसे बड़ा द्वीप कौन सा है? (2010)
- मादागास्कर
 - सुमात्रा
 - जंजिरा
 - सुमात्रा

75. A ball is thrown vertically upwards from the ground. It reaches a maximum height of 100 m. The speed of the ball just before it reaches the ground is $20\sqrt{2}$ m/s. The time taken by the ball to reach the ground is $2\sqrt{2}$ s. The time taken by the ball to reach the maximum height is $\sqrt{2}$ s. The time taken by the ball to reach the ground is $2\sqrt{2}$ s.

- (a) $\sqrt{2}$ s
- (b) $2\sqrt{2}$ s
- (c) $3\sqrt{2}$ s
- (d) $4\sqrt{2}$ s

76. A man works 20 hours a week in 10 days, 20 hours a day. If he works in 10 days, 20 hours a day, he will complete the work in 10 days. If he works in 10 days, 20 hours a day, he will complete the work in 10 days.

- (a) W
- (b) 0
- (c) 1
- (d) 2

77. The average monthly income of a family is Rs. 10,000. The average monthly income of the family is Rs. 10,000. The average monthly income of the family is Rs. 10,000.

- (a) Rs. 2,000
- (b) Rs. 16,000
- (c) Rs. 10,000
- (d) Rs. 14,000

78. A man works 20 hours a week in 10 days, 20 hours a day. If he works in 10 days, 20 hours a day, he will complete the work in 10 days. If he works in 10 days, 20 hours a day, he will complete the work in 10 days.

- (a) 10 days
- (b) 20 days
- (c) 30 days
- (d) 40 days

79. A man works 20 hours a week in 10 days, 20 hours a day. If he works in 10 days, 20 hours a day, he will complete the work in 10 days. If he works in 10 days, 20 hours a day, he will complete the work in 10 days.

- (a) 10 days
- (b) 20 days
- (c) 30 days
- (d) 40 days

80. A man works 20 hours a week in 10 days, 20 hours a day. If he works in 10 days, 20 hours a day, he will complete the work in 10 days. If he works in 10 days, 20 hours a day, he will complete the work in 10 days.

- (a) Rs. 600
- (b) Rs. 620
- (c) Rs. 630
- (d) Rs. 640

68. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) 50 J
- (b) 100 J
- (c) 150 J
- (d) 200 J

69. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) 50 J
- (b) 100 J
- (c) 150 J
- (d) 200 J

70. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) ₹ 12000
- (b) ₹ 16000
- (c) ₹ 21000
- (d) ₹ 30000

71. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) 50 J
- (b) 100 J
- (c) 150 J
- (d) 200 J

72. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) 50 J
- (b) 100 J
- (c) 150 J
- (d) 200 J

73. एक वस्तु का द्रव्यमान 100 ग्राम है। इसे 100°C पर गर्म करने पर इसका ताप 150°C हो जाता है। इस प्रक्रिया में वस्तु को दी गई ऊष्मा कितनी होगी? (विशेषता ऊष्मा 0.5 J/g°C)

- (a) ₹ 600
- (b) ₹ 800
- (c) ₹ 900
- (d) ₹ 600



SPACE FOR ROUGH WORK

कच्चे कार्य के लिये



SPACE FOR ROUGH WORK

कच्चे कार्य के लिये



आप एक बावरी के परीक्षा पुस्तिका खोलने की वरुदा जाए तब तब न बाते।

परीक्षा : C-AND-0-02N

समय : 100 मिनट

संख्या :



परिष्कार पुस्तिका
समान बावरी
संख्या : 02N

समय : 100 मिनट

संख्या : 02N

सूचना

1. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
2. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
3. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
4. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
5. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
6. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
7. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
8. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
9. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।
10. परीक्षा बावरी खोलने के पुराने की वरुदा जाए तब तब न बाते।



आप एक बावरी के परीक्षा पुस्तिका खोलने की वरुदा जाए तब तब न बाते।

Note : English version of the instructions is printed on the front cover of the Booklet.