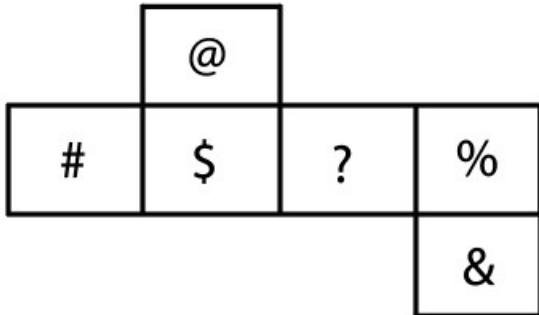


## SSC GD 13th Dec 2021 Shift-1

### Reasoning

1. A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of symbols will be on opposite sides?



- A \$ and &
- B \$ and %
- C ? and &
- D @ and ?

**Answer:** B

2. In a certain code language, 'how are you' is written as 'au bk ch', 'we are playing' is written as 'ma ch ba', and 'we know him' is written as 'ba me uk'. How will 'playing' be written in that language?

- A ma
- B ba
- C ch
- D au

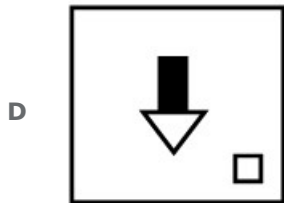
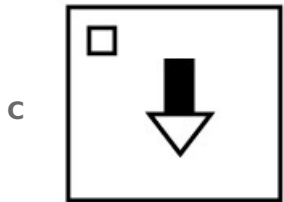
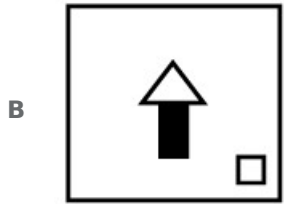
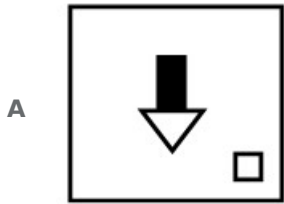
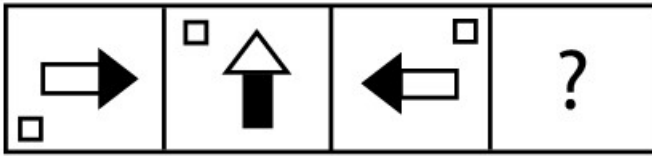
**Answer:** A

3. Select the number from among the given options that can replace the question mark (?) in the following series.  
5, 35, 7, 63, 9, ?, 11

- A 90
- B 85
- C 87
- D 99

**Answer:** D

4. Select the figure that will replace the question mark (?) in the following figure series.



Answer: A



5. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- A YGSQ
- B GTDME
- C LBJZ
- D MHXT

Answer: B

6. Six girls (A, B, C, D, E and F) are sitting around a circular table. All of them are facing towards the centre of the circle. Not E, but someone else from the group is sitting between B and D. A is sitting to the left of F. C is fourth to the right of A. Who is sitting second to the left of A?

- A C

- B D
- C F
- D B

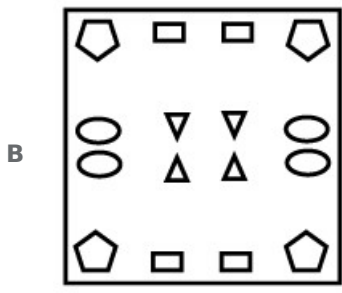
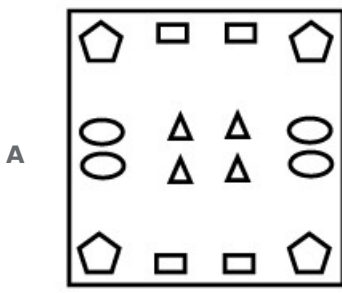
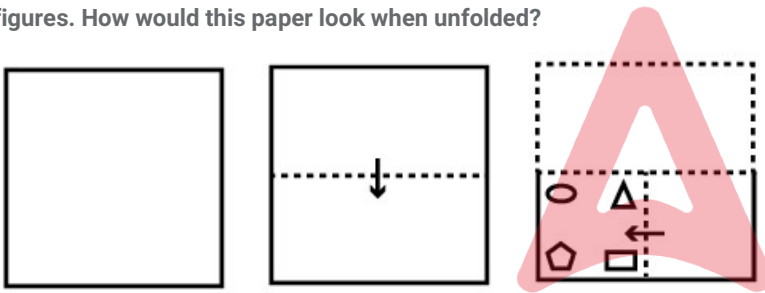
**Answer:** A

7. In a certain code language, **NEWSPAPER** is written as **ODXTQZQDS** and **SORT** is written as **TNSU**. How will **CHOCOLATE** be written in that language?

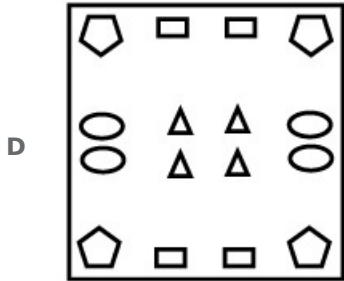
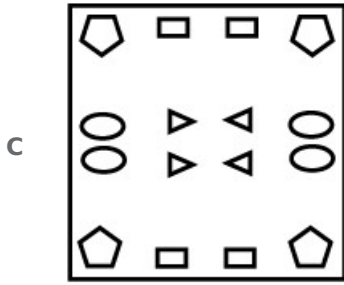
- A DINDNKZVD
- B CGNDNMZUC
- C DINDNMZUD
- D DINDNOZUC

**Answer:** C

8. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Adda247



**Answer: B**

9. Select the letter cluster from among the given options that can replace the question mark (?) in the following series.  
YC, VI, SO, PU, MA, JG, ?

- A GT
- B GM
- C SN
- D HN

**Answer: B**

10. When a number is subtracted from the square of 25, it becomes 124 times of the number. Find the number.

- A 25
- B 15
- C 5
- D 10

**Answer: C**

11. Select the number from among the given options that can replace the question mark (?) in the following series.  
24, 31, 39, 48, 58, 69, ?

- A 86
- B 81
- C 96
- D 76

**Answer: B**

12. In a certain code language, 'FOX' is coded as '6' and 'LION' is coded as '8'. How will 'TIGER' be coded in that language?

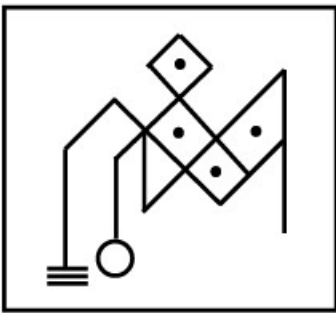
- A 8
- B 10
- C 6
- D 12

Answer: B

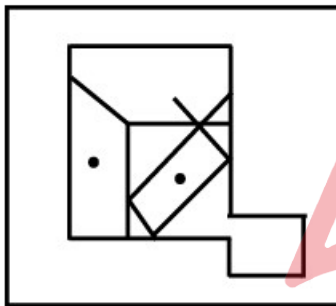
13. Select the option in which the given figure is embedded (Rotation is NOT allowed).



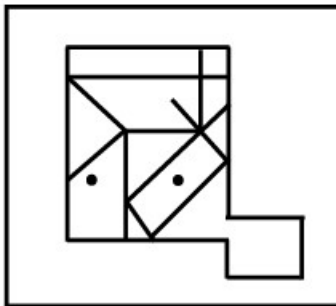
A



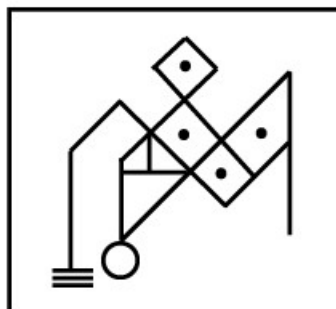
B



C



D



Answer: A

14. If my sister's mother-in-law's only son is Devika's father, how is Devika's paternal grandfather related to my sister?

- A Brother-in-law
- B Father-in-law
- C Father
- D Paternal uncle

**Answer:** B

15. Seven friends, P, Q, R, S, T, U and V, are sitting in the same line in a class. All are facing the teacher. R is between U and Q. P is between T and V. Q is third to the left of S. T and S are sitting at the corners. Who is sitting third to the right of T?

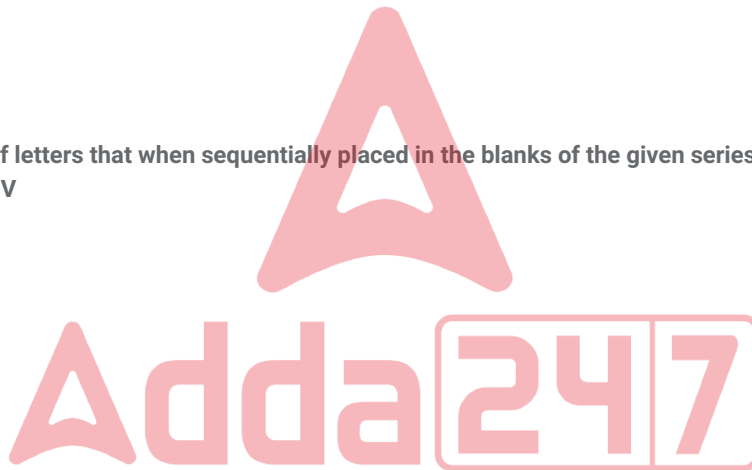
- A Q
- B R
- C P
- D V

**Answer:** A

16. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.  
Z \_ T \_ V \_ X T D \_ Z \_ \_ D V

- A X D Z V X T
- B X D Z V D T
- C Z D Z V X T
- D X D X V X T

**Answer:** A



17. Select the option that is related to the third number in the same way as the second number is related to the first number.  
93 : 36 :: 83 : ?

- A 75
- B 85
- C 45
- D 25

**Answer:** D

18. 'Accept' is related to 'Decline' in the same way as 'Captivity' is related to '\_\_\_\_\_'.  
\_\_\_\_\_

- A Crime

- B** Jailor
- C** Police
- D** Freedom

**Answer:** D

19. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Clarity
2. Claimant
3. Classy
4. Clear
5. Cloning

- A** 2, 1, 4, 3, 5
- B** 2, 1, 3, 5, 4
- C** 2, 1, 3, 4, 5
- D** 1, 2, 3, 4, 5

**Answer:** C

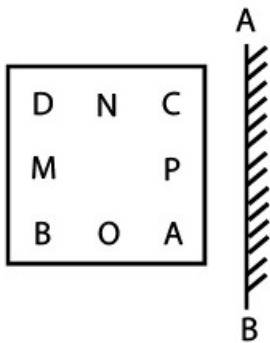
20. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

11 33 ?  
27 101 4  
60 200 160

- A** 45
- B** 52
- C** 57
- D** 51

**Answer:** B

21. Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



A

C	N	D
P		M
A	O	B

B

C	N	D
P		M
A	O	B

C

C	N	D
P		M
A	O	B

D

C	N	D
P		M
A	O	B



Answer: B

22. If '×' means '-', '÷' means '+', and '+' means '×', then find the value of the following expression.

$$240 \times 20 \div 5 + 30$$

- A 790
- B 990
- C 499
- D 370

Answer: D

23. Select the option that is related to the third term in the same way as the second term is related to the first term.  
 PRICES : SQDJTF :: QUALMS : ?



- A VRMCNT
- B URBMTN
- C VRMBTN
- D TVMBTN

**Answer: C**

24. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All students are teachers.

All teachers are professors.

**Conclusions:**

1. All students are professors.

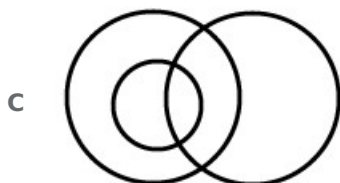
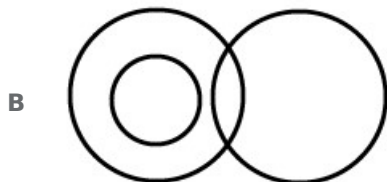
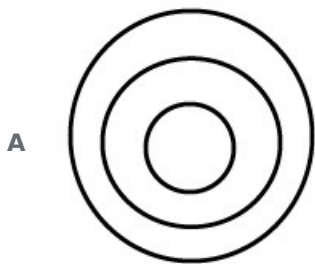
2. All professors are students.

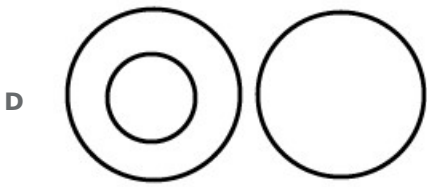
3. No teacher is a professor.

- A Only conclusion 1 follows
- B Only conclusion 2 follows
- C Both conclusions 1 and 3 follow
- D Only conclusion 3 follows

**Answer: A**

25. Select the Venn diagram that best represents the relationship between the following classes.  
Singers, Males, Brothers





**Answer:** C

## General knowledge

26. Which range is known as the 'backbone of high Asia'?

- A The Kailash Range
- B The Zaskar Range
- C The Karakoram Range
- D Ladakh Range

**Answer:** C

27. Which of the following gases do plants need for photosynthesis?

- A Oxygen
- B Nitrogen
- C Carbon dioxide
- D Argon

**Answer:** C

28. Which of the following is a conventional source of energy?

- A Solar
- B Geothermal
- C Coal
- D Tidal

**Answer:** C

29. A channel of canal, where water is carried by force in the direction opposite to the slope of the land, is called \_\_\_\_\_

- A hydration
- B command area
- C Lift Channel



**D** aquifer

**Answer:** C

30. **Babur defeated the Sultan of Delhi and captured Delhi and Agra in the year \_\_\_\_\_.**

**A** 1526

**B** 1528

**C** 1522

**D** 1524

**Answer:** A

31. **Soumitra Chatterjee, who passed away in November 2020, was associated with which of the following fields?**

**A** Archaeology

**B** Acting

**C** Sports

**D** Politics

**Answer:** B

32. **Which of the following states has the highest number of Assembly Constituencies?**

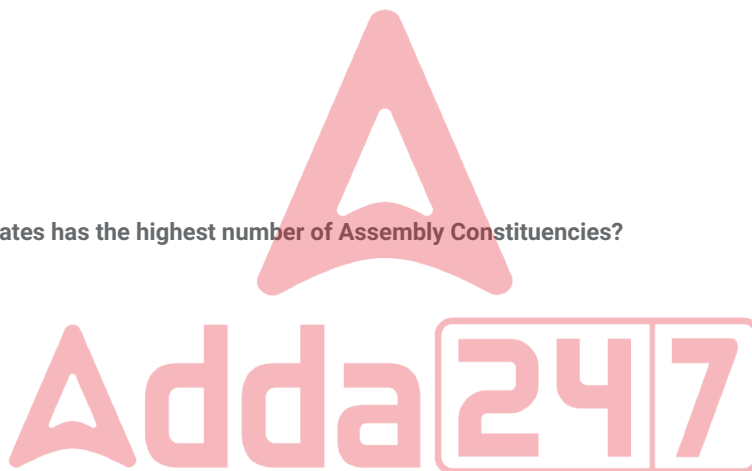
**A** Uttar Pradesh

**B** Tamil Nadu

**C** Gujarat

**D** Maharashtra

**Answer:** A



33. **Who among the following freedom fighters was accused of killing General Dyer?**

**A** Bhagat Singh

**B** Aurobindo Ghosh

**C** Udham Singh

**D** Surya Sen

**Answer:** C

34. **India Post Payments bank has tied up with PNB Met Life India Insurance in November, 2020 to extend which of the following schemes?**

- A** Pradhan Mantri Jan Dhan Yojana
- B** Pradhan Mantri Jeevan Jyoti Bima Yojana
- C** Pradhan Mantri Suraksha Bima Yojana
- D** Pradhan Mantri Mudra Yojana

**Answer: B**

35. In 1961, the US Federal Reserve introduced a monetary policy initiative named \_\_\_\_\_ designed to lower long-term rates to stimulate the US economy. This initiative was adopted by the Reserve Bank of India from December 2019.

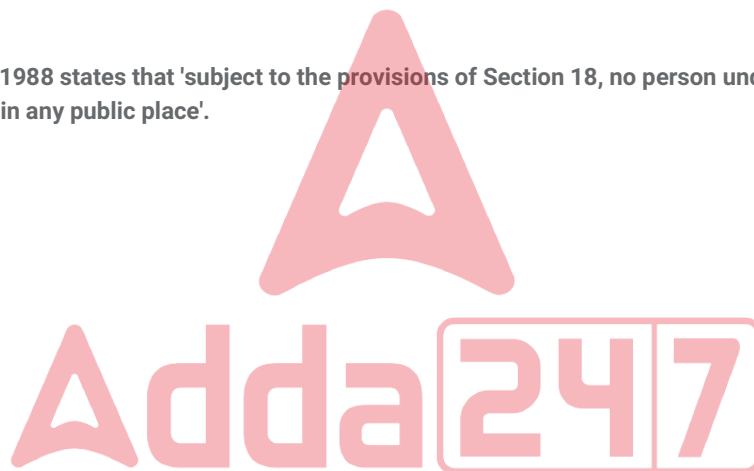
- A** Operation Twist
- B** Operation Bloom
- C** Operation Churn
- D** Operation Hub

**Answer: A**

36. The Motor Vehicles Act, 1988 states that 'subject to the provisions of Section 18, no person under the age of \_\_\_\_\_ years shall drive a transport vehicle in any public place'.

- A** 18
- B** 20
- C** 21
- D** 16

**Answer: A**



37. Which of the following automobile companies announced its decision to stop manufacturing vehicles for sale in India in September 2021?

- A** Chevrolet
- B** Honda Motor Company Ltd.
- C** Ford Motor Company
- D** Toyota Motor Corporation

**Answer: C**

38. Who was appointed as the Secretary of BCCI (Board of Control for Cricket in India) in October 2019?

- A** Jay Shah
- B** Sourav Ganguly
- C** Anirudh Tripathi

**D** Luv Aggarwal

**Answer: A**

39. Which of the following was a tax levied on pilgrims in the Mauryan Empire?

**A** Yatravetana

**B** Padika

**C** Vasantika

**D** Bhadra

**Answer: A**

40. Who among the following was conferred with the 'Capital Foundation National Award' for his contribution to sports in November 2020?

**A** Rajiv Jalota

**B** Narinder Batra

**C** AK Gupta

**D** Gyanendro Ningombam

**Answer: B**

41. Chlorination is done by adding chlorine tablets or \_\_\_\_\_ to the water.

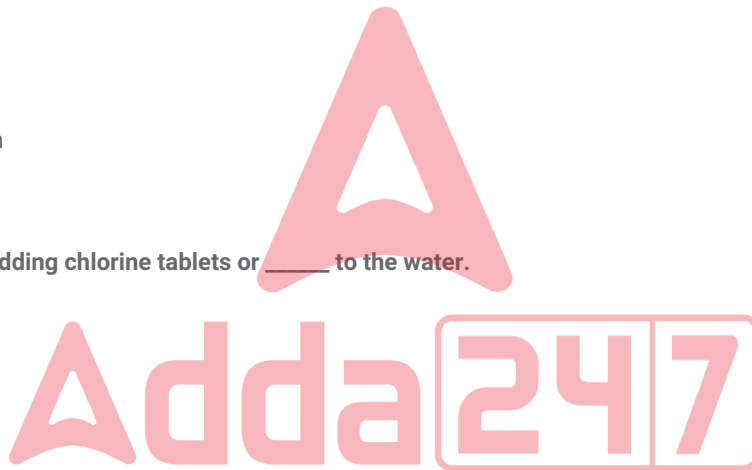
**A** bleaching powder

**B** baking soda

**C** common salt

**D** turmeric powder

**Answer: A**



42. Which of the following railway stations had NOT received a 5-star 'Eat Right Station' certification by the Food Safety and Standards Authority of India (FSSAI) as of 31 August 2021?

**A** Anand Vihar Terminal Railway Station, Delhi

**B** Chhatrapati Shivaji Terminus, Mumbai

**C** Vadodara Railway Station

**D** Ahmedabad Railway Station

**Answer: D**

43. Who was the title sponsor of the Women's T-20 Challenge which was held in Sharjah from 4-9 November 2020?

- A Airtel
- B Vodafone
- C Jio
- D Idea

**Answer: C**

44. The International Kite Festival in Gujarat is held in the month of \_\_\_\_\_.

- A November
- B June
- C March
- D January

**Answer: D**

45. \_\_\_\_\_ was crowned Miss Teen International 2019.

- A Thu Phan
- B Yessenia Garcia
- C Aayushi Dholakia
- D Anicia Gaothusi

**Answer: C**

46. GDP is the standard measure of the value added created through the production of goods and services in a country \_\_\_\_\_.

- A during times of emergency
- B every five years
- C every alternate year
- D every three years

**Answer: D**

47. \_\_\_\_\_ offered a scathing criticism of the economic impact of British rule in India through his book 'Poverty and Un-British Rule in India'.

- A Surendranath Banerjee
- B Dadabhai Naoroji
- C Badruddin Tyabji
- D Pherozeshah Mehta

**Answer: B**

48. The SI unit of the power of a lens is denoted by the letter \_\_\_\_\_.

- A S
- B A
- C D
- D M

**Answer: C**

49. Which of the following cities/towns hosted the 80th All India Presiding Officers' Conference in November 2020?

- A Haldia
- B Kevadia
- C Bavla
- D Jharia

**Answer: B**

50. With which of the following states is the 'Mando' festival associated?

- A Telangana
- B Haryana
- C Goa
- D Andhra Pradesh

**Answer: C**



## Quantitative Ability

51. A shopkeeper sold a book at a loss of 14%. If the selling price had been increased by ₹100, there would have been a gain of 6%. What was the cost price of the book?

- A ₹450
- B ₹430
- C ₹380
- D ₹500

**Answer: D**

52. If the volume of a cone is  $770 \text{ cm}^3$  and its height is 15 cm, then the radius of its base is:

(Taken  $\pi = \frac{22}{7}$ )

- A 0.7 cm
- B 14 cm
- C 7 cm
- D 70 cm

**Answer:** C

53. Alya borrowed some money at the rate of 5% per annum for the first 3 years. at the rate of 8% per annum for the next 4 years, and at the rate of 16% per annum for the period beyond seven years. If he pays a total interest of ₹15,730 at the end of 13 years, then how much money did he borrow?

- A ₹11,800
- B ₹12,250
- C ₹10,500
- D ₹11,000

**Answer:** D

54. The average run rate of a cricketer in 48 innings is 33. His highest score exceeds his lowest score by 144 runs. If these two innings are excluded, the average run rate of the remaining 46 innings is 30. What is the highest score of the player?

- A 173
- B 178
- C 174
- D 169

**Answer:** C

55. 75 workers could complete only one-third of a work in 20 days. It is desired that the work be finished in the next 30 days. How many more workers should be taken to complete the work in the desired time?

- A 100
- B 300
- C 25
- D 225

**Answer:** C

56. The value of  $60 \div [50 + 7 - \{14 + (24 \div 2 \div 3) - 12 \div 4 \times 2 + 18 \div 4 \times 2\}]$  is:



A 1

B  $\frac{5}{2}$

C 2

D  $\frac{5}{4}$

**Answer: B**

57. Find the cost of carpeting a room 14 m long and 8 m broad with a carpet 50 cm wide at the rate of ₹9.40 per  $m^2$ .

A ₹1,998.50

B ₹2,535

C ₹2,200

D ₹2,105.60

**Answer: D**

58. On a racing track, A and B are standing at a distance of 200 m. A walked towards B at a speed of 8 km/h, whereas B walked in the same direction at a speed of 5 km/h. What was the distance between them 1 minute before they met?

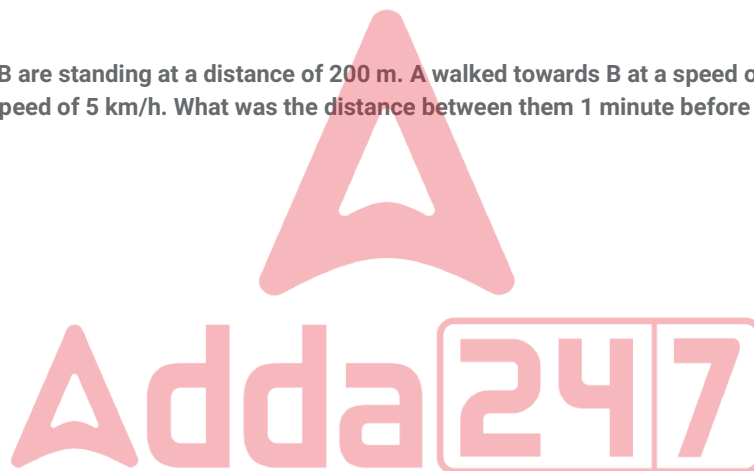
A 65 m

B 55 m

C 150 m

D 50 m

**Answer: D**



59. Simplify the following expression.

$$\frac{2}{5} - \left[ 1\frac{1}{3} + \left( 1\frac{1}{4} - 2\frac{1}{3} \right) \right] \div 2\frac{2}{3} \times \frac{3}{5} + \frac{2}{5}$$

A  $-\frac{133}{160}$

B  $\frac{37}{96}$

C  $\frac{119}{160}$

D  $\frac{1}{40}$

**Answer: C**

60. In a mixture, the ratio of milk and water is 5 : 3. If 4 litres of water is added to the mixture, the ratio becomes 3 : 2. Find the quantity of milk in the mixture.

A 42 litres

B 25 litres

C 60 litres

D 30 litres

**Answer: C**

61. The average weight of 14 boys in a class is 40.25 kg and that of the remaining 10 boys is 35.15 kg. Find the average weight of all the boys in the class.

A 35.65 kg

B 41.725 kg

C 42.50 kg

D 38.125 kg

**Answer: D**

62. The fourth propmtional to 5, 8, 25 is:

A 60

B 30

C 20

D 40

**Answer: D**

63. If  $280\%$  of  $160 - 25\%$  of  $720 = y\%$  of  $200$ , then what is the value of  $y$ ?

A 130

B 136

C 124

D 134

**Answer: D**

64. A sum of ₹12,000 amounts to ₹12,960 at 2% per annum simple interest. Find the duration of the deposit.

A 5 years

B 2 years

C 3 years

D 4 years

**Answer: D**

65. Find the least number of five digits which is exactly divisible by 14, 30 and 42.

- A 10220
- B 10040
- C 10100
- D 10080

**Answer:** D

66. Two students A and B appeared in an examination. A secured 9 marks more than B and his marks were 60% of the sum of their marks. The marks obtained by A were:

- A 19
- B 36
- C 27
- D 18

**Answer:** C

67. Kalyan bought an article for ₹6,400 and spent ₹600 on its repairs. He marked his article at 8% above the overall cost price. If he sold the article for ₹6,426 after giving  $x$  % discount, then the value of  $x$  is:

- A 10
- B 12
- C 16
- D 15

**Answer:** D

68. The difference between the compound interest and simple interest on a certain sum at 20% per annum for 2 years is ₹9,000. Find the sum.

- A ₹21,50,00
- B ₹22,50,00
- C ₹26,00,00
- D ₹25,00,00

**Answer:** B

69. A and B together can do a certain work in 36 days, whereas B and C together can do it 40 days. A, B and C together can do it in 30 days. B alone can do  $\frac{7}{8}$  part of the original work in:

- A 48 days
- B 42 days



C 40 days

D 45 days

**Answer: D**

70. By selling an article for ₹1,024, there is a loss of 20%. At what price (in ₹) should it be sold to gain 8%?

A 1,280

B 1,382.40

C 1,408

D 1,390.60

**Answer: B**

71. A salesman sells an item at a profit of 21%. If he had bought it at 12% less and sold it for ₹66 less, he would have gained 30%. Find the cost price of the item.

A ₹1,000

B ₹2,200

C ₹1,050

D ₹4,005

**Answer: A**

72. If  $a : b = 4 : 9$  and  $b : c = 3 : 7$ , then find  $a : b : c$ .

A 4 : 6 : 19

B 2 : 9 : 4

C 4 : 9 : 21

D 3 : 5 : 8

**Answer: C**

73. Which of the following is an integer that is NOT a multiple of 7, 5 and 28?

A 280

B 420

C 140

D 70

**Answer: D**



74. What is the discount percentage given Oil a pair of trousers whose selling price is ₹2,184 after giving a discount of ₹416 Oil its marked price?

- A 18
- B 16
- C 19.7
- D 19

**Answer:** B

75. A train leaves a station at 4:50 p.m. and reaches the next station 45 km away at 5:44 p.m. If the train runs at a uniform speed, what is the speed (in km/h) of the train?

- A 45
- B 50
- C 72
- D 48

**Answer:** B

English

76. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
I prevailed / upto him / to join / our team.

- A I prevailed
- B to join
- C our team
- D upto him

**Answer:** A

77. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
The lions were being fed / by there keeper / when we arrived / at the zoo.

- A at the zoo
- B by there keeper
- C when we arrived
- D The lions were being fed

**Answer:** B



78. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Nature provides every creature a chance to exist.

- A the chance for existing
- B No improvement required
- C chance for existence
- D chances in existence

**Answer:** B

79. Select the most appropriate synonym of the given word.

Baffle

- A Amuse
- B Bemuse
- C Confuse
- D Choose

**Answer:** C

80. Select the most appropriate option to fill in the blank.

Though the house belonged to my father, the \_\_\_\_\_ banyan tree was mine.

- A waterlogged
- B inclusive
- C exalted
- D magnificent

**Answer:** D

81. Select the INCORRECTLY spelt word.

- A Imitation
- B Facinating
- C Effective
- D Arrogance

**Answer:** B

82. Select the most appropriate ANTONYM of the given word.

Peculiar

- A Weird



- B** Unique
- C** Familiar
- D** Strange

**Answer:** C

83. Select the most appropriate **ANTONYM** of the given word.  
**Emerge**

- A** Vanish
- B** Lose
- C** Appear
- D** Surface

**Answer:** A

84. Select the most appropriate **SYNONYM** of the given word.  
**Repel**

- A** Retain
- B** Remit
- C** Resist
- D** Regret

**Answer:** C

85. Select the most appropriate option to fill in the blank.  
There are many plants and animals that cannot \_\_\_\_\_ in very cold or very hot places.

- A** preserve
- B** survive
- C** tolerate
- D** bear

**Answer:** B

86. Select the option that can be used as a one-word substitute for the given group of words.  
**To give up a throne voluntarily**

- A** Abdicate
- B** Vacate
- C** Allocate

D Eradicate

**Answer:** A

87. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

My grandmother decide to gives me and my brothers some of her favourite books.

A decided to give me

B decided to gave me

C No substitution required

D have decided to give me

**Answer:** A

88. Select the most appropriate meaning of the given idiom.

To have a yen for

A To have many friends who want to teach one new things

B To want to earn money to go to Japan

C To have a lot of Japanese money to spend

D To have a very strong and continuous desire or craving for something

**Answer:** D

89. Select the most appropriate option to fill in the blank.

The judge had to free the young man because there was no \_\_\_\_\_ against him.

A cause

B excuse

C belief

D evidence

**Answer:** D

90. Select the INCORRECTLY spelt word.

A Occurence

B Adequate

C Attendance

D Necessary

**Answer:** A

91. Select the most appropriate meaning of the given idiom.

Go with the flow



- A Swim in deep water
- B Do what others are doing
- C Flatter someone in authority
- D Control a situation

**Answer:** B

92. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Nature teach us / to maintain / a balance / in life.

- A a balance
- B to maintain
- C Nature teach us
- D in life

**Answer:** C

93. Select the option that can be used as a one-word substitute for the given group of words.  
The sound made by an elephant

- A Bleat
- B Bark
- C Trumpet
- D Croak

**Answer:** C



94. Select the most appropriate option that can substitute the underlined word in the given sentence. If there is no need to substitute it, select 'No substitution required'.

My sister enjoys reading, while my brother who hates it.

- A unlike
- B but
- C so as
- D No substitution required

**Answer:** A

95. Select the option that can be used as a one-word substitute for the given group of words.

A list of sources used when writing a scholarly article

- A B bliography
- B Dictionary
- C Atlas
- D Journal

**Answer: A**

**Instructions [96 - 100 ]**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He invited the monkey to his house for dinner and said that his wife would like to meet him. (1) \_\_\_\_\_ monkey was happy, but (2) \_\_\_\_\_ swim, so the crocodile took (3) \_\_\_\_\_ on his back. The crocodile was happy (4) \_\_\_\_\_ he had tricked the monkey, however, while talking, he (5) \_\_\_\_\_ out the real reason for taking the monkey home. The clever monkey said, "You should have told me earlier, I left my heart on the tree."

96. **Select the most appropriate option to fill in blank number 1.**

- A The
- B One
- C A
- D That

**Answer: A**

97. **Select the most appropriate option to fill in blank number 2.**

- A didn't
- B hadn't
- C doesn't
- D couldn't

**Answer: D**

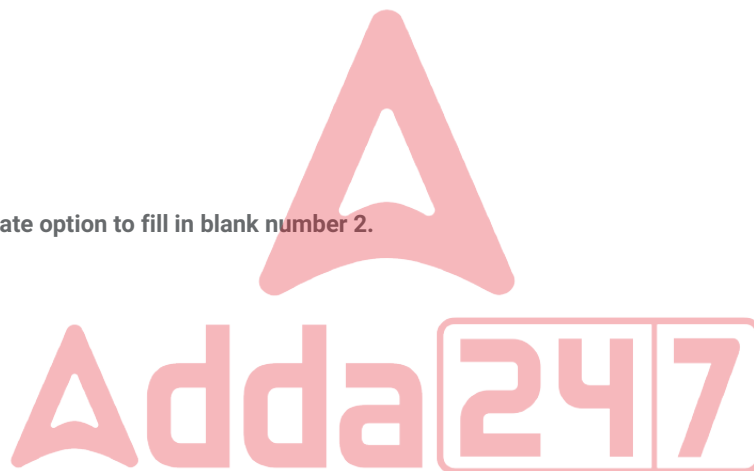
98. **Select the most appropriate option to fill in blank number 3.**

- A them
- B it
- C her
- D him

**Answer: D**

99. **Select the most appropriate option to fill in blank number 4.**

- A while



**B** whether

**C** before

**D** that

**Answer:** D

100. Select the most appropriate option to fill in blank number 5.

**A** announced

**B** talked

**C** blurted

**D** stated

**Answer:** C

