

1. Select the related word/letters/number from the given alternatives.
Cup : Coffee :: Bowl : ?
A. Dish B. Spoon
C. Soup D. Food
Ans. C
2. Select the related word/letters/number from the given alternatives.
ZYX : ABC :: VUT : ?
A. EFG B. FGH
C. DEF D. CDE
Ans. A
3. Select the related word/letters/number from the given alternatives.
ACE : HJL :: LNP : ?
A. SUW B. MOQ
C. IJK D. BDF
Ans. A
4. Select the related word/letters/number from the given alternatives.
96 : 32 :: 48 : ?
A. 14 B. 12
C. 16 D. 18
Ans. C
5. Select the odd word/letters/number/number pair from the given alternatives.
A. Blend B. Mingle
C. Jumble D. Clash
Ans. D
6. Select the odd word/letters/number/number pair from the given alternatives.
A. ACE B. ONE
C. EON D. RED
Ans. D
7. Select the odd word/letters/number/number pair from the given alternatives.
A. 1716 B. 2730
C. 3360 D. 4086
Ans. D
8. Select the odd word/letters/number/number pair from the given alternatives.
A. 211 B. 287
C. 283 D. 277
Ans. B
9. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
Narendra Modi, Manmohan Singh, Atal Bihari Vajpayee, ?
A. V.P. Singh
B. P.V. Narasimha Rao
C. Chandra Shekhar
D. Jawaharlal Nehru
Ans. B
10. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
FU, LO, RI, ?
A. PK B. XC
C. UF D. RI
Ans. B
11. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
DE, GI, KN, ?
A. PS B. PR
C. PT D. TP
Ans. C
12. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
2, 7, 16, ? , 46, 67
A. 26 B. 27
C. 29 D. 31
Ans. C
13. In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
Statement:
(I) Determination is the key to success. If a person determines to achieve a certain goal in his or her life, no one can stop him/her from achieving it.
(II) Prioritizing various determined goals is another important aspect of decision making.
Conclusions:
(I) If I determine to achieve three goals in near future, my energy will get divided into three parts and I can never succeed.
(II) Making a prior plan for achieving those three things I can get near to all my goals.
A. Only conclusion II follows
B. Conclusion I and II both follow
C. Neither I nor II follow
D. Only conclusion I follows
Ans. A
14. Five boys are sitting facing towards South. Raj is between Rohit and Vishal. Vishal is to the immediate right of Manoj and Manoj is to the immediate right of Shekhar. Who is sitting in the middle?
A. Vishal B. Manoj
C. Raj D. Shekhar
Ans. A

15. Arrange the given words in the sequence in which they occur in the dictionary.

i. Application ii. Approve
iii. Appeal iv. Astonishing
A. ii, iii, iv, i B. iii, ii, i, iv
C. iii, i, ii, iv D. i, ii, iii, iv

Ans. C

16. If in a certain code language, "STUBBORN" is written as "TUVCANQM". How is "TRAINING" written in that code language?

A. USBJMHFM B. USBJMHMF
C. JBSUFMHM D. USBJMHME

Ans. B

17. If "+" means "minus", "x" means "divided by", "÷" means "plus" and "-" means "multiplied by", then

$$300 \times 10 - 5 + 36 \div 57 = ?$$

A. 150 B. 171
C. 230 D. 234

Ans. B

18. Which of the following interchanges in signs and numbers will make the given equation correct?

$$7 \times 9 + 5 = 68$$

A. + and =, 5 and 6
B. + and =, 7 and 9
C. x and +, 5 and 7
D. x and +, 7 and 9

Ans. C

19. If "+" means "minus", "x" means "divided by", "÷" means "plus" and "-" means "multiplied by", then

$$76 \times 4 + 4 - 12 \div 37 = ?$$

A. 9 B. 7
C. 8 D. 3

Ans. C

20. A man walks 20 m towards north, then he turns right and walks 3 m, then turns left and walks 4 m and from there he walks 4 m towards east. How far and in which direction is he from his initial position?

A. 25 m east B. 25 m north-east
C. 20 m north D. 24 m north

Ans. B

21. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be

represented first by its row and next by its column, for example, 'Q' can be represented by 22, 33 etc. and 'G' can be represented by 86, 89 etc. Similarly, you have to identify the set for the word 'CREED'.

Matrix-I
आव्यूह - I

0	1	2	3	4	5
1	Q	D	S	P	Y
2	C	Q	D	S	P
3	P	C	Q	D	S
4	P	A	C	Q	D
5	P	R	A	C	A

Matrix-II
आव्यूह - II

	5	6	7	8	9
5	D	E	I	R	I
6	E	D	R	H	H
7	J	R	D	E	N
8	R	G	G	N	G
9	F	F	N	F	D

A. 32, 76, 65, 56, 77
B. 54, 67, 78, 56, 79
C. 43, 32, 65, 56, 77
D. 32, 85, 56, 65, 78

Ans. A

22. While posing for a family photo, the father is standing to the right of the son and left of the grandmother. The mother is sitting to the left of her daughter and right of the grandmother. Who is seated in the middle?

A. Grandmother B. Son
C. Father D. Mother

Ans. A

23. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



A. B.
C. D.

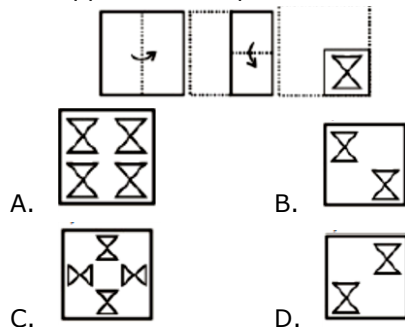
Ans. C

24. Identify the diagram that best represents the relationship among the given classes. Country, State, City

A. B.
C. D.

Ans. D

25. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



Ans. A

26. Rock Shelters of Bhimbetka is in _____.
 A. Maharashtra B. Himachal Pradesh
 C. Karnataka D. Madhya Pradesh

Ans. D

27. Highest Civilian Honour received by Anupam Kher is _____.
 A. Padma Shri
 B. Padma Bhushan
 C. Padma Vibhushan
 D. Bharat Ratna

Ans. B

28. _____ is a strong drug that doctors give to people to make them calm or help them sleep.
 A. Barbiturate B. Antidepressant
 C. Antihistamine D. Beta-Blocker

Ans. A

29. Artocarpus integra is the scientific name of _____.
 A. Guava B. Pineapple
 C. Silver Oak D. Jack fruit

Ans. D

30. Which organ stores fat soluble vitamins?
 A. Blood B. Skin
 C. Liver D. Pancreas

Ans. C

31. Fe has 26 protons in its nucleus. What are the number of electrons in Fe^{2+} (II) ion?
 A. 24 B. 26
 C. 28 D. 13

Ans. A

32. Which of the following elements has the lowest melting point?
 A. Titanium B. Sulphur
 C. Argon D. Zinc

Ans. C

33. ALU is a part of a computer is _____.
 A. Application B. ROM
 C. RAM D. Processor

Ans. D

34. English is the official language of _____.
 A. Chandigarh
 B. Dadra and Nagar Haveli
 C. Daman and Diu
 D. Delhi

Ans. A

35. If demand curve for roller skates is $D = 23000 - 19P$ and supply curve is $S = 18000 + 6P$, find the equilibrium Price?
 A. Rs 100 B. Rs 400
 C. Rs 50 D. Rs 200

Ans. D

36. Match the characteristics with their market structure:
 (a) Expand output until $MC = MR$
 (b) Elasticity of demand depends on pricing policies of rivals
 A. (a) Pure competition, (b) Pure Monopoly
 B. (a) Pure Monopoly, (b) Monopolistic competition
 C. (a) Pure competition, (b) Oligopoly
 D. (a) Monopolistic competition, (b) Oligopoly

Ans. D

37. Panna National Park is in which state?
 A. Rajasthan B. Maharashtra
 C. Gujarat D. Madhya Pradesh

Ans. D

38. BSE SENSEX Constitutes number _____ of companies.
 A. 30 B. 40
 C. 50 D. 60

Ans. A

39. International Date line passes through middle of _____ Ocean.
 A. Arctic B. Indian
 C. Atlantic D. Pacific

Ans. D

40. What is the capital of Turkey?
 A. Jerusalem B. Canberra
 C. Wellington D. Ankara

Ans. D

41. Before its Independence, Bangladesh was part of _____.
 A. India B. China
 C. Pakistan D. United Kingdom

Ans. C

42. Humayun was born in the year _____.
 A. 1508 B. 1608
 C. 1708 D. 1808

Ans. A

43. Who Invented the 3-D printer?

- A. Nick Holonyak
- B. Elias Howe
- C. Chuck Hull
- D. Christiaan Huygens

Ans. C

44. Alpha particles are _____.

- A. twice the mass of beta particles
- B. negatively charged
- C. just like helium nuclei
- D. lower in ionizing power as compared to gamma rays

Ans. C

45. Unit of impedance is _____.

- A. ohm
- B. henry
- C. tesla
- D. hertz

Ans. A

46. Who has served maximum time as the Prime Minister of India?

- A. Jawaharlal Nehru
- B. Indira Gandhi
- C. Manmohan Singh
- D. Lal Bahadur Shastri

Ans. A

47. What is the maximum number of Members in Lok Sabha?

- A. 512
- B. 542
- C. 552
- D. 532

Ans. C

48. In 2012 London Olympics, Saina Nehwal won the _____.

- A. Gold Medal
- B. Silver Medal
- C. Bronze Medal
- D. Didn't win any Medal

Ans. C

49. Who is the author of "Go Clown: #AccheDin for Comedy"?

- A. Preeti Shenoy
- B. Nikita Singh
- C. Shatrugna Vadwlas
- D. Ashwin Sanghi

Ans. C

50. Periyar Tiger Reserve is in which state?

- A. Telangana
- B. Tamil Nadu
- C. Kerala
- D. Uttarakhand

Ans. C

51. A trader had 6 quintals of wheat. He sold a part of it at 7% profit and the rest at 17% profit, so that he made a total profit of 11%. How much wheat did he sell at 17% profit?

- A. 360 kg
- B. 240 kg
- C. 120 kg
- D. 480 kg

Ans. D

52. Badki can bake 45 cakes in 9 hours, Badki and Chutki together can bake 80 cakes in 10 hours. How many cakes Chutki can bake in 40 hours?

- A. 125
- B. 10
- C. 120
- D. 20

Ans. C

53. Of the 5 numbers whose average is 72, the first is $\frac{1}{8}$ times the sum of other 4. The first number is _____.

- A. 60
- B. 26
- C. 40
- D. 80

Ans. C

54. If $\frac{6}{7}$ th of $\frac{8}{5}$ th of a number is 192, then $\frac{3}{4}$ th of that number is _____.

- A. 105
- B. 77
- C. 36
- D. 80

Ans. A

55. The value of x for which the expressions $5x + 17$ and $17x - 5$ become equal is _____.

- A. $\frac{11}{6}$
- B. $-\frac{11}{6}$
- C. $\frac{6}{11}$
- D. $-\frac{6}{11}$

Ans. A

56. On dividing $111a^2b^2c^2$ by $37a^2$, we get _____.

- A. $2c^2$
- B. $2b^2$
- C. 3
- D. $3b^2c^2$

Ans. D

57. If a merchant offers a discount of 30% on the list price, then he makes a loss of 16%. What % profit or % loss will he make if he

- A. 14 percent profit
- B. 4 percent loss
- C. 26 percent profit
- D. 8 percent profit

Ans. B

58. If $5x - 4 \leq 2 - x$ and $4x + 5 > 2x - 5$, then x can take which of the following values?

- A. 3
- B. 6
- C. -7
- D. -1

Ans. D

59. A bank offers 15% compound interest per half year. A customer deposits Rs 8800 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is _____.

- A. Rs 8315
- B. Rs 2079
- C. Rs 4158
- D. Rs 1039

Ans. C

60. If $4x - 5y = -37$ and $7x + t = -16$, then $x - y =$ _____
 A. -8 B. 8
 C. 2 D. -2

Ans. A

61. The co-ordinates of the centroid of a triangle ABC are (3,-2). What are the co-ordinates of vertex C if co-ordinates of A and B are (-2,5) and (6,-2) respectively?
 A. (-5,-9) B. (5,-9)
 C. (5,9) D. (-5,9)

Ans. B

62. The slope of the line passing through the points (-5,1) and (x,-4) is -5/8. Find x.
 A. 4 B. 3
 C. 2 D. -1

Ans. B

63. A triangular prism has 9 edges. How many vertices does it have?
 A. 8 B. 6
 C. 12 D. 10

Ans. B

64. The diagonal of a square equals the side of an equilateral triangle. If the area of the square is 12 sq cm, what is the area of the equilateral triangle?
 A. $12\sqrt{3}$ sq cm B. $6\sqrt{3}$ sq cm
 C. $12\sqrt{2}$ sq cm D. 24 sq cm

Ans. B

65. The ratio of present ages of Ranjini and Shahid is 5:4. After 13 years the ratio of their ages will be 6:5. What is Ranjini's present age?
 A. 52 B. 65
 C. 60 D. 32

Ans. B

66. If the curved surface area of a right circular cone is 10010 sq cm and its slant height is 91 cm, find its total surface area.
 A. 27720 sq cm B. 4620 sq cm
 C. 6930 sq cm D. 13860 sq cm

Ans. D

67. If $\sin^{-1} \frac{4\pi}{3} = x$, then the value of x is
 A. -2 B. $-2/\sqrt{3}$
 C. $\sqrt{3}/2$ D. $\sqrt{2}$

Ans. C

68. When a number is increased by 28, it becomes 107% of itself. What is the number?
 A. 336 B. 420
 C. 400 D. 252

Ans. C

69. If $\cos(A - B) - \cos(A + B) = x$, then the value of x is

- A. $2\sin A \sin B$ B. $2\cos A \cos B$
 C. $2\cos A \sin B$ D. $2\sin A \cos B$

Ans. A

70. A car travels a certain distance at 24 km/h and comes back at 36 km/h. Find the average speed for total journey.
 A. 28.8 km/hr B. 30 km/hr
 C. 27.6 km/hr D. 31.2 km/hr

Ans. A

71. If $\sec A - \tan A = x$, then the value of x is

- A. $1 / (\sec^2 A - \tan^2 A)$
 B. $1 / (\sec^2 A + \tan^2 A)$
 C. $1 / \sqrt{(\sec^2 A - \tan^2 A)}$
 D. $1 / (\sec A + \tan A)$

Ans. D

72. Refer the below data table and answer the following Question.

	Boys/लड़के	Girls/लड़कियाँ
Medical/ मेडिकल	40	75
Engineering/ इंजीनियरिंग	100	25

What percent student who chose Engineering are girls?

- A. 20 B. 10.42
 C. 50 D. 25

Ans. A

73. Refer the below data table and answer the following Question.

	Cumulative production संचयी उत्पादन
January/जनवरी	200
February/फरवरी	850
March/मार्च	1450
April/अप्रैल	1950
May/मई	2320
June/जून	2600

How many cars were manufactured in the months of April and May?

- A. 650 B. 1100
 C. 4270 D. 870

Ans. D

74. Refer the below data table and answer the following Question.

Days of the week सप्ताह का दिन	Distance jogged (in kms) दौड़ी गयी दूरी (किलोमीटर में)
Monday/सोमवार	3.5
Tuesday/मंगलवार	2
Wednesday/बुधवार	3
Thursday/गुरुवार	0.5
Friday/शुक्रवार	3.5
Saturday/शनिवार	2.5
Sunday/रविवार	3.5

If 400 calories are burned by jogging 5 km, how many calories were burnt in the given week?

- A. 1480 calories B. 1530 calories
C. 1430 calories D. 1380 calories

Ans. A

75. Refer the below data table and answer the following Question.

Item वस्तु	Yearly Expense in Rs lakhs लाख रुपये में वार्षिक खर्च
Raw Materials/ कच्चा माल	12
Labour/क्षम	6
Rent/किराया	6
Interest/ब्याज	4
Taxes/कर	4

Labour and Interest are what percent of total expenses?

- A. 31.25 percent B. 24 percent
C. 16.75 percent D. 38.5 percent

Ans. A

76. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Brijesh said that he has no _____ of stepping down, although he is under a lot of pressure to do so.

- A. intuition B. intention
C. point D. object

Ans. B

77. In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one, which best expresses the same sentence in Passive/Active voice.

Lakhs of tourists view the Taj Mahal every year.

- A. The Taj Mahal is being viewed by lakhs of tourists every year.
B. Every year the Taj Mahal is being viewed by lakhs of tourists.
C. Every year the Taj Mahal was being viewed by lakhs of tourists.
D. The Taj Mahal is viewed by lakhs of tourists every year.

Ans. D

78. Rearrange the parts of the sentence in correct order.

They have now

P-by a paternalistic state

Q-of goods mandated

R-been turned into consumers

- A. QRP B. QPR
C. PRQ D. RQP

Ans. D

79. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

Causing a burning sensation like that of hot liquid on the skin

- A. piping B. igneous
C. sizzling D. scalding

Ans. D

80. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

dead ringer

- A. a competition whose outcome is already decided (by unfair means)
B. a candidate fraudulently substituted for another in a competition
C. a person who was in a situation to warn others is now missing
D. a warning which comes too late, after the damage is done

Ans. B

81. Select the antonym of pervert

- A. virtuous B. libertine
C. deviant D. debauchee

Ans. A

82. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

The Directors are(A)/now inquiring(B)/in the cause of the fire.(C)/No error(D)

- A. A B. B
C. C D. D

Ans. C

83. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

As the judge enters the courtroom, _____ calls upon all occupants in the room to stand.

- A. formality B. pattern
C. culture D. habit

Ans. A

84. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

dark horse

- A. a candidate about whom little is known but who unexpectedly wins
B. a good person who has been unfairly maligned
C. a person despised by everybody wins
D. a very unpredictable contestant, sometimes wins sometimes loses

Ans. A

85. Select the synonym of

parlance

- A. definitive B. lingo
C. canonical D. classic

Ans. B

86. Select the word with the correct spelling.

- A. bordeaux B. ambienc
C. macakues D. culinary

Ans. D

87. Select the synonym of

obstreperous

- A. boisterous B. bashful
C. reticent D. taciturn

Ans. A

88. Select the word with the correct spelling.

- A. metaled B. lonsome
C. piquancy D. shufled

Ans. C

89. Improve the bracketed part of the sentence.

We were still waiting in the queue for tickets when the show (had begun).

- A. was beginning B. begins
C. began D. no improvement

Ans. C

90. Select the antonym of
frazzle

- A. prostration B. vigour
C. enervation D. lassitude

Ans. B

91. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

An organization set up to provide help and raise money for those in need.

- A. conglomerate B. donation
C. charity D. dole

Ans. C

92. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

She was an(A)/only child who(B)/had been very welcome.(C)/No error(D)

- A. A B. B
C. C D. D

Ans. D

93. Rearrange the parts of the sentence in correct order.

Elections globally

P-dominated by numbers, percentages

Q-and tallies

R-can be dry affairs

- A. RQP B. PQR
C. RPQ D. QRP

Ans. C

94. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one, which best express the same sentence in Indirect/Direct speech.

"Alas! I have broken my grandfather's watch" said Amit.

- A. Amit was sorrowful that he broke his grandfather's watch.
B. Amit exclaimed sorrowfully that he has broken his grandfather's watch.
C. Amit was sorrowful that he had broken his grandfather's watch.
D. Amit exclaimed sorrowfully that he had broken his grandfather's watch.

Ans. D

95. Improve the bracketed part of the sentence.

It was so hot during the concert that some spectators passed (out).

- A. away B. by
C. over D. no improvement

Ans. D

96. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ various signs of economic slowdown such as languishing industrial production and adverse _____ of the drought on rural livelihoods and demand, the government is apparently unable _____ unwilling to increase public spending to _____ people's material distress or to kick-start economic _____ to increase employment.

_____ various signs of economic slowdown such as languishing industrial production

- A. As B. Despite
C. So D. Because

Ans. B

97. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ various signs of economic slowdown such as languishing industrial production and adverse _____ of the drought on rural livelihoods and demand, the government is apparently unable _____ unwilling to increase public spending to _____ people's material distress or to kick-start economic _____ to increase employment.

adverse _____ of the drought on rural livelihoods and demand

- A. effects B. effect
C. affects D. affect

Ans. A

98. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ various signs of economic slowdown such as languishing industrial production and adverse _____ of the drought on rural livelihoods and demand, the government is apparently unable _____ unwilling to increase public spending to _____ people's material distress or to kick-start economic _____ to increase employment.

the government is apparently unable

- A. hence B. but
C. or D. nor

Ans. C

99. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ various signs of economic slowdown such as languishing industrial production and adverse _____ of the drought on rural livelihoods and demand, the government is apparently unable _____ unwilling to increase public spending to _____ people's material distress or to kick-start economic _____ to increase employment.

_____ spending to _____ people's material distress

- A. cool off B. cut
C. less D. mitigate

Ans. D

100. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ various signs of economic slowdown such as languishing industrial production and adverse _____ of the drought on rural livelihoods and demand, the government is apparently unable _____ unwilling to increase public spending to _____ people's material distress or to kick-start economic _____ to increase employment.

_____ distress or to kick-start economic _____ to increase employment.

- A. activity B. happening
C. performance D. acts

Ans. A