1. Choose the related word/letters/number from the given alternatives.
   Nest : Bird : : Den : ?
   A. Owl   B. Lion
   C. Rat   D. Goat
Ans. B
2. Choose the related word/letters/number from the given alternatives.
   NPR : GHI : : TVX : ?
   A. JKL   B. KLM
   C. IJK   D. IKL
Ans. A
3. Choose the related word/letters/number from the given alternatives.
   AF : BE : : ? : DH
   A. CH   B. CG
   C. DG   D. CI
Ans. D
4. Choose the related word/letters/number from the given alternatives.
   36 : 6 : : 441 : ?
   A. 11   B. 21
   C. 25   D. 32
Ans. B
5. Choose the odd word/letters/number/ number pair from the given alternatives.
   A. Violet   B. Blue
   C. Indigo   D. White
Ans. D
6. Choose the odd word/letters/number/ number pair from the given alternatives.
   A. MPS   B. WZC
   C. FHJ   D. ADG
Ans. C
7. Choose the odd word/letters/number/ number pair from the given alternatives.
   A. 512   B. 841
   C. 576   D. 289
Ans. A
8. Choose the odd word/letters/number/ number pair from the given alternatives.
   A. 165   B. 792
   C. 852   D. 671
Ans. C
9. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
   Asia, Africa, North America, ?
   A. China   B. Australia
   C. Canada   D. Japan
Ans. B
10. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

DP, EY, FJ, ?
   A. GX   B. GS
   C. GT   D. GW
Ans. D
11. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
   DAF, FED, HIB, ?
   A. JMZ   B. JOY
   C. LUX   D. JOZ
Ans. A
12. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. 1, 7, 42, 210, 840, ?
   A. 1240   B. 2640
   C. 1680   D. 2520
Ans. D
13. In the 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) Children play in the playground.
    (II) It gives them a different approach of problem solving and decision making.
    Conclusions:
    (I) Playing outdoor is very necessary for overall development of child.
    (II) There should be balance between playing and studying for a child.
    A. Only conclusion II follows
    B. Conclusion I and II both follow
    C. Neither I nor II follow
    D. Only conclusion I follows
Ans. D
14. C has more money than E and E has more money than B. C is the second richest after A. Who has the least money out of A, B, C and E?
    A. C   B. A
    C. B   D. E
Ans. B
15. Arrange the given words in the sequence in which they occur in the dictionary.
    i.   Monopoly   ii. Manifesto
    iii. Manifold   iv. Mankind
    A. ii, iii, iv, I   B. iii, ii, iv, i
    C. i, iii, iv, ii   D. i, iv, iii, ii
Ans. A

16. In a certain code language, "HISTORY" is written as "XQNSRHI". How is "ETHICS" written in that code language?
A. DSGHBR   B. RBHGSF
C. RBHDSG   D. GSDRBH

Ans. B

17. In the following question, select the missing number from the given series.

6	10	9
7	2	1
3	4	?

A. 9   B. 8
C. 6   D. 7

Ans. C

18. If "S" denotes "multiplied by", "V" denotes "subtracted from", "M" denotes "added to" and "L" denotes "divided by", then 96 L 8 S 4 V 16 M 9 = ?
A. 32   B. 37
C. 41   D. 48

Ans. C

19. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
c_e_cd_f_d_f
A. dfcec   B. dfece
C. cfede   D. cdfed

Ans. B

20. A boy and a girl are facing each other. If the boy is standing at the north-west direction of the girl, in which direction is the girl to the boy?
A. North   B. South
C. East   D. South-east

Ans. D

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, 'R' can be represented by 12, 23 etc. and 'G' can be represented by 77, 88 etc. Similarly, you have to identify the set for the word 'FRIEND'.

Matrix-I
आव्यूह – I

	0	1	2	3	4
0	L	R	S	T	T
1	E	L	R	S	T
2	D	E	L	R	S
3	O	D	E	L	R
4	Q	O	D	E	L

Matrix-II
आव्यूह – II

	5	6	7	8	9
5	G	N	I	P	Q
6	F	G	N	I	P
7	C	F	G	N	I
8	M	C	F	G	I
9	M	M	C	F	N

A. 76, 23, 85, 21, 78, 20
B. 87, 23, 79, 21, 78, 20
C. 87, 12, 68, 21, 99, 33
D. 98, 23, 68, 96, 78, 20

Ans. B

22. Aryan has a brother named Bishnu. Aryan is the son of Chetan. Dev is Chetan's father. In term of relationship, what is Bishnu of Dev?
A. Grandson   B. Father
C. Brother   D. Cousin

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?
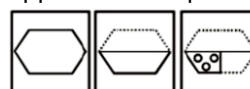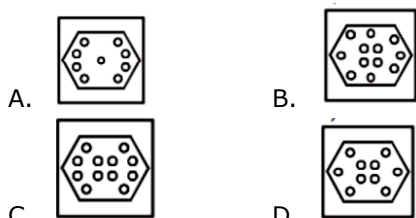

Ans. D

24. Identify the diagram that best represents the relationship among the given classes.
Food Supplement, Bournvita, Horlicks

Ans. D

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

A.   B.

C.   D.

Ans. C

26. Champaner-Pavagadh Archaeological Park is in _____.
    A. Rajasthan   B. Assam
    C. Bihar   D. Gujarat
Ans. D

27. Highest Civilian Honour received by Kamal Haasan is _____.
    A. Padma Shri
    B. Padma Bhushan
    C. Padma Vibhushan
    D. Bharat Ratna
Ans. B

28. Which disease is caused due to deficiency of Iodine?
    A. Rickets
    B. Scurvy
    C. Goitre
    D. Growth retardation
Ans. C

29. Grevillea Robusta is the scientific name of _____.
    A. Peepal   B. Teak
    C. Silver Oak   D. Jack fruit
Ans. C

30. The modern periodic table consists of 18 groups and 7 periods. What is the atomic number of the element placed in the 3rd group and the 4th period?
    A. 23   B. 21
    C. 19   D. 11
Ans. B

31. Which of the following elements has the lowest melting point?
    A. Oxygen   B. Gold
    C. Silver   D. Manganese
Ans. A

32. Who is known as father of computer?
    A. Charles Babbage
    B. Tim Berners Lee
    C. Douglas Carl Engelbart
    D. Sabeer Bhatia
Ans. A

33. Urdu is the official language of _____.
    A. Andhra Pradesh
    B. Arunachal Pradesh
    C. West Bengal
    D. Jammu & Kashmir
Ans. D

34. Stagflation is a period of _____.
    A. Persistent high inflation combined with high unemployment
    B. Persistent high inflation combined with low unemployment
    C. Persistent low inflation combined with high unemployment
    D. Persistent low inflation combined with low unemployment
Ans. A

35. Which of the following is a greenhouse gas or a gas which can deplete the ozone layer?
    A. CH_2CIF B. C_2H_2
    C. PF_5 D. $COCI_2$
Ans. A

36. Periyar National Park is in which mountain range?
    A. Aravalli Range   B. Vindhya Range
    C. Eastern Ghats   D. Western Ghats
Ans. D

37. First Indian to swim across the English Channel was _____.
    A. Apsara   B. Durga Agarwal
    C. Mihir Sen   D. Arati Saha
Ans. C

38. Which of these islands are located in the Arabian Sea?
    A. Andaman Islands
    B. Nicobar Islands
    C. Lakshadweep Islands
    D. All of the above
Ans. C

39. Which state does not share its border with Jharkhand?
    A. Madhya Pradesh
    B. Chhattisgarh
    C. Orissa
    D. West Bengal
Ans. A

40. Ashoka converted to which religion after the Kalinga war?
    A. Jainism   B. Buddhism
    C. Christianity   D. Judaism
Ans. B

41. Gandhi Ji started the Non-Cooperation Movement in?
    A. 1880   B. 1900
    C. 1920   D. 1940
Ans. C

42. Who discovered X-Ray?
    A. Wilhelm Rontgen
    B. William Lee
    C. X Rollswick
    D. I Thompson
Ans. A

43. Find the power of a convex lens if the image formed is at a distance of 25 cm from the lens when the object is placed on the other side of the lens at 12 cm from the optical centre?
   A. -4.33 diopters   B. 12.33 diopters
   C. -12.33 diopters D. 4.33 diopters

Ans. B

44. What is the unit of the physical quantity Entropy?
   A. watt per kelvin
   B. newton per kelvin
   C. pascal per kelvin
   D. joule per kelvin

Ans. D

45. Which Article specifies the Fundamental Duties of every citizen?
   A. Article 80   B. Article 343
   C. Article 51A   D. Article 356

Ans. C

46. Article 173 of the Indian Constitution "Qualification for membership of the State Legislature" deals with?
   A. the directive principles of state policy
   B. the State Government
   C. the Union Government
   D. the fundamental rights of the Indian Citizen

Ans. B

47. Michael Schumacher is associated with which sport?
   A. Football
   B. Golf
   C. Formula One racing
   D. Swimming

Ans. C

48. Who is the author of "The Guest"?
   A. Mohit Goyal
   B. Mitali Meelan
   C. Ashwini Parashar
   D. Anand Neelakantan

Ans. B

49. If price of an article decreases from Rs P1 to Rs 190, when quantity demanded increases from 5000 units to 5200 units, and if point elasticity of demand is -0.8 find P1?
   A. Rs 220   B. Rs 240
   C. Rs 200   D. Rs 250

Ans. C

50. When a Cuttlefish is described as a Molluscs, it is at which level of classification?
   A. Class   B. Order
   C. Family   D. Phylum

Ans. D

51. If $\cos 45° - \sec 60° = x$, then the value of x is
   A. $(\sqrt{3}-4)/2\sqrt{3}$ B. 1
   C. $(1-2\sqrt{2})/\sqrt{2}$ D. $(\sqrt{3}+\sqrt{2})/2$

Ans. C

52. A man travels 400 km in, partly by rail and partly by steamer. He spends 9 hours more time on steamer. If the velocity of the steamer is 30 km/hr and the velocity of rail is 70 km/hr, how much distance does he cover by steamer?
   A. 309 km   B. 371 km
   C. 464 km   D. 556 km

Ans. A

53. Raheem sells a machine for Rs 48 lakhs at a loss. Had he sold it for Rs 60 lakh, his gain would have been 5 times the former loss. Find the cost price of the machine.
   A. Rs 58 lakhs   B. Rs 69.6 lakhs
   C. Rs 42 lakhs   D. Rs 50 lakhs

Ans. D

54. If $(1+\cos A)/2 = x$, then the value of x is
   A. $\sin^2(A/2)$ B. $\sqrt{\sin}(A/2)$
   C. $\sqrt{\cos}(A/2)$ D. $\cos^2(A/2)$

Ans. D

55. If the number 583_437 is completely divisible by 9, then the smallest whole number in the place of the blank digit will be
   A. 4   B. 5
   C. 3   D. 6

Ans. D

56. Two numbers are 35% and 50% lesser than a third number. By how much percent is the second number to be enhanced to make it equal to the first number?
   A. 23.08 percent   B. 15 percent
   C. 25 percent   D. 30 percent

Ans. D

57. A bank offers 15% compound interest per half year. A customer deposits Rs 2400 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 2268   B. Rs 1134
   C. Rs 567   D. Rs 283

Ans. B

58. If $\sec A + \tan A = x$, then the value of x is
   A. $\cos A/(1+\sin A)$
   B. $\sqrt{[\cos A/(1-\sin A)]}$
   C. $\sqrt{[\cos A/(1+\sin A)]}$
   D. $\cos A/(1-\sin A)$

Ans. D

59. Find two numbers such that their mean proportion is 16 and third proportion is 1024.
    A. 4 and 32
    B. 4 and 64
    C. 8 and 64
    D. 8 and 32
Ans. B

60. A cone of radius 3.5 cm and height 12 cm is completely filled with water. This water is emptied into an empty cylindrical vessel of radius 7 cm. What will be the height of water in this vessel?
    A. 2 cm
    B. 0.33 cm
    C. 0.5 cm
    D. 1 cm
Ans. D

61. If the length of the side of an equilateral triangle is 8 cm, what is its area?
    A. $32\sqrt{3}$ sq cm
    B. 16 sq cm
    C. $16\sqrt{3}$ sq cm
    D. 32 sq cm
Ans. C

62. A line passing through the origin perpendicularly cuts the line $3x - 2y = 6$ at point M. Find M?
    A. (18/13, 12/13)
    B. (18/13, -12/13)
    C. (-18/13, -12/13)
    D. (-18/13, 12/13)
Ans. B

63. The average weight of Shubha, Govinda and Reshma is 65 kg. If the average weight of Shubha and Govinda be 63 kg and that of Govinda and Reshma be 70 kg, then the weight of Govinda is
    A. 41
    B. 71
    C. 88
    D. 46
Ans. B

64. Find length of the arc whose central angle is 45° and radius of the circle is 28 cm?
    A. 11 cm
    B. 33 cm
    C. 44 cm
    D. 22 cm
Ans. D

65. The area of a square is 100 sq cm, find length of its diagonal?
    A. $10\sqrt{2}$ cm
    B. 10 cm
    C. 20 cm
    D. $20\sqrt{2}$ cm
Ans. D

66. Ticket for an adult is Rs 1500 and a child is Rs 800. 1 child goes free with two adults. If a group has 25 adults and 12 children what is the discount the group gets?
    A. 26.47 percent
    B. 20.38 percent
    C. 31.60 percent
    D. 33.33 percent
Ans. B

67. If $(9 - 3x) - (17x - 10) = -1,$ then the value of x is
    A. 1
    B. -1
    C. 9/10
    D. -9/10
Ans. A

68. If $a - b = -7$ and $a^2 + b^2 = 85$, then find ab.
    A. 18
    B. -30
    C. -44
    D. -60
Ans. A

69. Prabodh has done 1/2 of a job in 30 days, Sapan completes the rest of the job in 45 days. In how many days can they together do the job?
    A. 18 days
    B. 48 days
    C. 27 days
    D. 36 days
Ans. D

70. The sum of a non-zero number and thrice its reciprocal is 52/7. Find the number.
    A. 8
    B. 9
    C. 7
    D. 6
Ans. C

71. If $2x - 2(3 + 4x) < -1 - 2x > -5/3 - x/3;$ then x can take which of the following values?
    A. 1
    B. 2
    C. -2
    D. -1
Ans. D

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

	Weight (kg) वजन (किलोग्राम)	Height in meter ऊँचाई (मीटर)
Aabha/आभा	68	1.68
Aahana/अहाना	77	1.57
Aakaanksha/आकांक्षा	55	1.8
Aakriti/आकृति	51	1.76

Who has the least weight to height ratio?
    A. Aabha
    B. Aahana
    C. Aakaanksha
    D. Aakriti
Ans. D

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

Year वर्ष	Company's % Profit कंपनी का लाभ %
2011	10
2012	25
2013	20
2014	15
2015	20

What was the Revenue of the company if its Expenditure was Rs 225 crore in the year when its % profit was the least?
    A. 270
    B. 247.5
    C. 292.5
    D. 225
Ans. B

74. The following table shows the number of children in each house of a society.

Number of Children बच्चों की संख्या	Number of Houses घरों की संख्या
0	4
1	10
2	19
3	3

What is the average number of children per house?
- A. 1.58
- B. 1.83
- C. 2.08
- D. 1.33

Ans. A

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

Partners भागीदार	Present % share वर्तमान % हिस्सा
Anand / आनंद	15
Basu / बासु	5
Chinmay / चिन्मय	15
Dhiraj / धीरज	20
Ejaz / एजाज	45

If the company has issued six lakh shares between its five partners and if Basu offers to sell 15,000 of his shares to Ejaz, then Ejaz will have how many shares?
- A. 270000 shares
- B. 300000 shares
- C. 255000 shares
- D. 285000 shares

Ans. D

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.
Purush wandered _____ through life, with no clear ideas of where he was heading and what he wanted to accomplish.
- A. madly
- B. excitedly
- C. crazily
- D. aimlessly

Ans. D

77. Improve the bracketed part of the sentence. Would it be impolite (to be asked) why they are leaving?
- A. to ask
- B. for asking
- C. for being asked
- D. no improvement

Ans. A

78. Rearrange the parts of the sentence in correct order.
We should learn our lesson
P-from this history and stay away
Q-of our neighbours
R-from interfering in the messy domestic politics
- A. PRQ
- B. PQR
- C. QPR
- D. RPQ

Ans. A

79. Select the antonym of
to hew
- A. to prune
- B. to chop
- C. to agglutinate
- D. to cleave

Ans. C

80. 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.
The chess player moved his piece to a more _____ position, securing the win.
- A. profitable
- B. auspicious
- C. advantageous
- D. worthwhile

Ans. C

81. Select the synonym of
maestro
- A. neophyte
- B. catechumen
- C. sophomore
- D. conductor

Ans. D

82. 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.
The coach said, "Don't move, boys."
- A. The coach told to the boys don't move.
- B. The coach said to the boys not to be moving.
- C. The coach asked the boys not to move.
- D. The coach told to them, don't move boys.

Ans. C

83. Rearrange the parts of the sentence in correct order.
Public goods are
P-important as they
Q-mitigate the impact of
R-income poverty and inequality
- A. QRP
- B. PQR
- C. RPQ
- D. QPR

Ans. B

84. Improve the bracketed part of the sentence.
The workers are bent (on) getting a full months pay as bonus.
- A. for
- B. upon
- C. to
- D. no improvement

Ans. B

85. Select the antonym of
to flay
- A. to scalp
- B. to peel
- C. to excoriate
- D. to sheath

Ans. D

86. 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.

They will advise me about the price of the accessories.

A. I will have been advised about the price of the accessories.

B. I would have been advised about the price of the accessories.

C. I shall be advised about the price of the accessories.

D. I would have had been advised about the price of the accessories.

Ans. C

87. Select the word with the correct spelling.

A. Paraguay   B. snugled

C. gimmicky   D. benifice

Ans. A

288. 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'.

Mother does not hardly(A)/know what happened(B)/in school yesterday.(C)/No error(D)

A. A   B. B

C. C   D. D

Ans. A

89. 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'.

No beggar who comes (A) /to our doors (B)/goes back empty handed. (C)/ No error (D)

A. A   B. B

C. C   D. D

Ans. B

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

To lift or haul something heavy with great effort.

A. heave   B. shrimp

C. wimp   D. runt

Ans. A

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

flea market

A. a market for semi-precious stones and jewellery

B. a market where stolen goods are sold

C. a street market selling second-hand goods

D. a small but crowded and noisy place

Ans. C

92. Select the word with the correct spelling.

A. libretto   B. jazziest

C. seraphim   D. kamikaze

Ans. B

93. Select the synonym of

troll

A. spruce   B. suave

C. gnome   D. dapper

Ans. C

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

A conclusion or agreement done or reached decisively and with authority.

A. precise   B. definitive

C. reliable   D. specific

Ans. B

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

flesh and blood

A. a very gory murder scene

B. a lot of hard work

C. loss of lives in battle

D. a person's physical body and their needs and frailties

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.

The scene will now shift to obtaining _____ instruments of ratification to bring the agreement into force _____ 2020, the first year of its_____ implementation. The agreement will enter into force with the ratification of _____ 55 countries, whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

The scene will now shift to obtaining _____instruments

A. enough   B. full

C. lavish   D. comfortable

Ans. A

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.

The scene will now shift to obtaining _____ instruments of ratification to bring the agreement into force _____ 2020, the first year of its_____ implementation. The agreement will enter into force with the ratification of _____ 55 countries, whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

bring the agreement into force _____ 2020

A. on   B. before
C. at   D. previous

Ans. B

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.

The scene will now shift to obtaining _____ instruments of ratification to bring the agreement into force _____ 2020, the first year of its_____ implementation. The agreement will enter into force with the ratification of _____ 55 countries, whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

the first year of its _____ implementation.

A. proposal   B. proposition
C. supposed   D. proposed

Ans. D

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.

The scene will now shift to obtaining _____ instruments of ratification to bring the agreement into force _____ 2020, the first year of its_____ implementation. The agreement will enter into force with the ratification of _____ 55 countries, whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

The agreement will enter into force with the ratification of _____55 countries

A. partially   B. at least
C. slightly   D. somewhat

Ans. B

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.

The scene will now shift to obtaining _____ instruments of ratification to bring the agreement into force _____ 2020, the first year of its_____ implementation. The agreement will enter into force with the ratification of _____ 55 countries, whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

whose aggregate greenhouse gas (GHG) emissions _____ at least 55 per cent of global emissions.

A. established   B. constitute
C. enact   D. complement

Ans. B