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Think big, Achieve bigger

JIPMAT 2025

Previous Year Question Paper

100 Questions · Quantitative Aptitude · DI & Logical Reasoning · Verbal Ability & RC

Prepared by Thinkoraa for practice. Answer key and step-by-step solutions are at the end of this booklet.

Questions

Directions

For the following questions answer them individually

1 The traffic lights at three different road crossings change after every 48 sec, 72 sec and 108 sec, respectively. They all change simultaneously at 08:20:00 hours, when will they again change simultaneously?

A 9:27:12 hours

B 8:27:12 hours

C 7:27:13 hours

D 11:00:12 hours

2 $\sqrt{2+\sqrt{3}} \times \sqrt{2+\sqrt{2+\sqrt{3}}} \times \sqrt{2+\sqrt{2+\sqrt{2+\sqrt{3}}}} \times \sqrt{2-\sqrt{2+\sqrt{2+\sqrt{3}}}}$ is equal to

A 1

B 2

C 4

D $\sqrt{6}$

3 $\frac{(4.53-3.07)^2}{(3.07-2.15)(2.15-4.53)} + \frac{(3.07-2.15)^2}{(2.15-4.53)(4.53-3.07)} + \frac{(2.15-4.53)^2}{(4.53-3.07)(3.07-2.15)}$ is simplified to

A 0

B 1

C 2

D 3

4 Consider the following statements, which of them is/are correct?
A. If the height of cylinder is doubled, the area of curved surface is doubled.
B. If the radius of a hemispherical solid is doubled, its total surface area becomes fourfold.
C. If a hemisphere and cone have equal bases and equal heights, then the ratio of curved surface area is $\sqrt{2} : 1$.

A B and C only

B A and C only

C A and B only

D A, B and C

5 Selling price of a glass is ₹ 1,965 and loss percent is 25%. If its selling price is ₹ 3,013, then what will be profit percent?

A 13%

B 10.40%

C 15%

D 20%

6 After adding 5 to both numerator and denominator of the following fractions, arrange them in ascending order of the magnitude of change in their values.
A. $\frac{2}{3}$ B. $\frac{3}{4}$ C. $\frac{4}{5}$ D. $\frac{5}{6}$

A D < C < A < B

B D < A < B < C

C D < C < B < A

D A < D < B < C

7 In 4 years, an amount of ₹ 6,000 becomes ₹ 8,000 at a certain rate of simple interest. In what time at the same simple interest rate, will an amount of ₹ 525 become ₹ 700?

A 2 years
B 3 years
C 4 years
D 5 years

8 A car owner buys petrol at the rate ₹ 17, ₹ 19 and ₹ 20 per litre, respectively for three consecutive years. Compute the average cost per litre, if he spends ₹ 6,460 per year for the three consecutive years.

A ₹ 18.49
B ₹ 18.58
C ₹ 19.20
D ₹ 21.66

9 Which of the following statements is/are correct?
A. If $2^x = 3^y = 6^{-z}$, then $\frac{1}{x} + \frac{1}{y} + \frac{1}{z} = 0$
B. $(243)^{0.16} \times (9)^{0.1} = 0.3$
C. If $3.105 \times 10^p = 0.00239 + 0.000715$, then p = −3

A B only
B B and C only
C A and B only
D A and C only

10 The difference between compound and simple interests on a certain sum of money at the interest rate of 10% per annum for $1\frac{1}{2}$ years is ₹183, when the interest is compounded semi-annually, then the sum of money is :

A ₹ 22,000
B ₹ 24,000
C ₹ 26,000
D ₹ 28,000

11 The cost of fencing of an equilateral triangular park and a square park is the same. If the area of the triangular park is $16\sqrt{3}$ m², then the length of the diagonal of the square park is :

A $6\sqrt{3}$ m
B $8\sqrt{3}$ m
C $8\sqrt{2}$ m
D $6\sqrt{2}$ m

12 $2^{122} + 4^{62} + 8^{42} + 4^{64} + 2^{130}$ is divisible by which one of the following integers?

A 3
B 5
C 7
D 11

13 Four persons are chosen at random from a group of 3 men, 2 women and 4 children. The chance that exactly 2 of them are children is:
1

A $\frac{1}{9}$
B $\frac{2}{9}$
C $\frac{1}{12}$
D $\frac{10}{21}$

14 From the four corners of a rectangular sheet of dimensions 25 cm × 20 cm, square of side 2 cm is cut off from four corners and a box is made. The volume of the box is

A 828 cm³ **B** 672 cm³

C 500 cm³ **D** 1000 cm³

15 How many three-digit even numbers can be formed using the digits 1, 2, 3, 4 and 5, when repetition of digits is not allowed?

A 36 **B** 30

C 24 **D** 12

16 Amit and Alok attempted to solve a quadratic equation. Amit made a mistake in writing down the constant term and ended up with roots (4, 3). Alok made a mistake in writing down coefficient of x to get roots (3, 2). The correct roots of the equation are:

A -4,-3 **B** 6,1

C 4,3 **D** -6,-1

17 A speaks truth in 75% cases and B in 80% of the cases. In what percentage of cases are they likely to contradict each other, in narrating the same incident?

A 5% **B** 15%

C 35% **D** 45%

18 The value of $999\frac{1}{7}+999\frac{2}{7}+999\frac{3}{7}+999\frac{4}{7}+999\frac{5}{7}+999\frac{6}{7}$ is equal to:

A 5997 **B** 5979

C 5994 **D** 2997

19 Match the LIST-I with LIST-II

List - I	List-II
A. 60% of 264	I. 20% of 6875
B. 60% of 28% of 240	II. 50% of 825.35
C. 85% of 485.5	III. 15% of 1056
D. 550% of 250	IV. 8.4% of 480

A A-II, B-IV, C-III, D-I **B** A-II, B-III, C-I, D-IV

C A-III, B-IV, C-I, D-II **D** A-III, B-IV, C-II, D-I

20 If $\frac{\sin\theta+\cos\theta}{\sin\theta-\cos\theta}=3$, then value of $\sin^4\theta-\cos^4\theta$ is

A $\frac{1}{5}$ **B** $\frac{2}{5}$

C $\frac{3}{5}$ **D** $\frac{4}{5}$

21 Let x be the least number which when divided by 8, 12, 20, 28, 35 leaves a remainder of 5 in each case, then the sum of digits of x is :

A 17 **B** 14

C 11 **D** 15

22 If $a+b=2c$, then the value of $\frac{a}{a-c}+\frac{b}{b-c}$ is

A $\frac{1}{2}$ **B** 1

C 2 **D** 3

23 40 men can complete the work in 48 days. 64 men started and did the same work for x days. After x days, 32 men increased, so the remaining work is completed in $16\frac{2}{3}$ days, then what is the value of x?

A 5 **B** 8

C 10 **D** 6

24 Cost price of article A is ₹ 200 more than the cost price of article B. Article A was sold at 10% loss and article B was sold at 25% profit. If the overall profit earned after selling both the articles is 4%, then what is the cost price of article B?

A ₹ 300 **B** ₹ 400

C ₹ 450 **D** ₹ 500

25 Two ships are sailing in the sea on the two sides of a lighthouse. The angles of elevation of the top of the lighthouse as observed from two ships are 30° and 45°, respectively. If the lighthouse is 100 m high, the distance between two ships is approximately:

A 173 m **B** 200 m

C 273 m **D** 300 m

26 Let x be median of the data 13, 8, 15, 14, 17, 9, 14, 16, 13, 17, 14, 15, 16, 15, 14. If 8 is replaced by 18, then the median of data is y, then the sum of x and y is equal to:

A 30 **B** 27

C 28 **D** 29

27 The ratios of copper to zinc in alloys A and B are 3:4 and 5:9, respectively. If A and B are taken in ratio 2:3 and melted to form new alloy C, then the ratio of copper to zinc in C is:

A 8:13 **B** 3:5

C 9:11 **D** 27:43

28 A solid brass sphere of radius 21 cm is converted into a right circular cylindrical rod of length 28 cm. The ratio of total surface areas of the rod to sphere is :

A 3:1 **B** 7:6

C 7:3 **D** 3:7

29 Arrange the following in descending order based on their perimeters:
A. A square with an area of 36 sq. cm.
B. An equilateral triangle with a side of 9 cm.
C. A rectangle with 10 cm as length and 40 sq. cm as area.
D. A circle with radius of 4 cm.

A C > A > B > D
B D > A > B > C
C C > B > A > D
D C > B > D > A

30 Three numbers A, B and C are such that A is 40% less than B, and C is 40% of the sum of A and B. The difference between A and B is what percentage of C?

A 60.50%
B 64%
C 62.50%
D 60%

31 ₹11,550 has to be divided between A, B and C such that A gets $\frac{4}{5}$ of what B gets and B gets $\frac{2}{3}$ of what C gets. How much more does C get in comparison to A (in ₹)?

A 7,200
B 1,800
C 1,170
D 2,450

32 P's income is ₹ 140 more than Q's income and R's income is ₹ 80 more than S's. If the ratio of P's and R's incomes is 2:3 and the ratio of Q's and S's incomes is 1:2, then the incomes of P, Q, R and S are, respectively:

A ₹ 260, ₹ 120, ₹ 320 and ₹ 240
B ₹ 300, ₹ 160, ₹ 600 and ₹ 520
C ₹ 400, ₹ 260, ₹ 600 and ₹ 520
D ₹ 320, ₹ 180, ₹ 480 and ₹ 360

33 If $x^3 + y^3 = 468$ and x + y = 12, then value of $x^4 + y^4$ will be

A 3620
B 2036
C 3025
D 3026

34 Four persons Raj, Prem, Ved and Ashok are married with four girls Sushma, Kusum, Vimla and Poonam. Sushma and Vimla are friends. Ved's wife does not like Sushma and Vimla. Kusum does not care for Ved. Prem's wife is friendly with Sushma, Sushma does not like Raj. In reference to the above information, which of the following are correct?
A. Raj's wife is Kusum.
B. Sushma's husband is Ashok.
C. Poonam is wife of Ved.
D. Poonam is friendly with Vimla.

A A and C only
B A, B and D only
C B, C and D only
D A, B and C only

35 Arrange the following words in a meaningful sequence:

A. Book
B. Pulp
C. Timber
D. Jungle
E. Paper

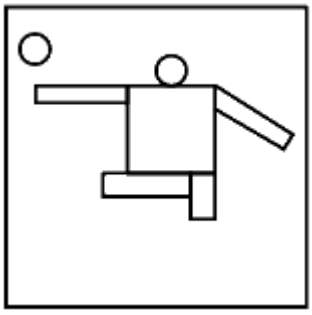
A B, E, A, D, C

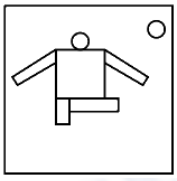
B C, B, E, A, D

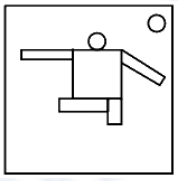
C D, C, B, E, A

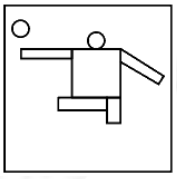
D E, D, C, A, B

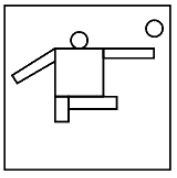
36 The mirror image of the figure is



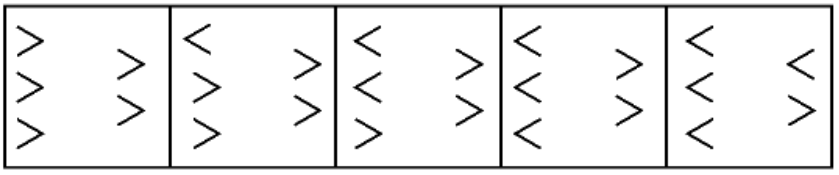
A


B


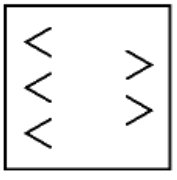
C


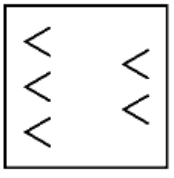
D


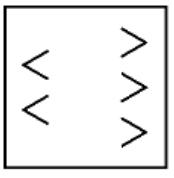
37 Five problem figures are given below:

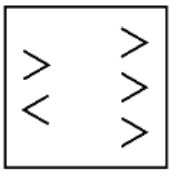


Which of the following figure will continue the same pattern as established by the above problem figures?

A


B


C


D


38 Which of the following statements are correct?

A. Doctor is related to Diagnosis in the same way as Judge is related to Court

B. Bouquet is related to Flowers in the same way as Sentence is related to Words

C. Thermometer is related to Temperature in the same way as Hygrometer is related to Density.

D. Tree is related to Sapling in the same way as Horse is related to Foal.

A A, B and C Only

B A and C Only

C C and D Only

D B and D Only

39 If a cube is painted yellow on all faces and cut into 27 small cubes of equal size, then which of the following are correct?

A. Six cubes are painted on one face only.

B. There is only one cube which is not painted on any face.

C. There are six cubes which have two faces painted.

D. There are eight cubes which have three faces painted.

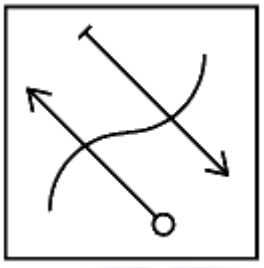
A A and B only

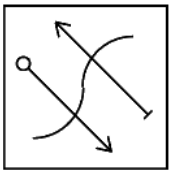
B A, B and C only

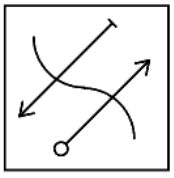
C A, B and D only

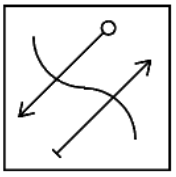
D C and D only

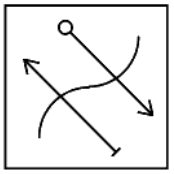
40 The water image of the figure is



A


B


C


D


41 Arrange the following words alphabetically as in a dictionary:

A. Saviour

B. Savage

C. Sausage

D. Savour

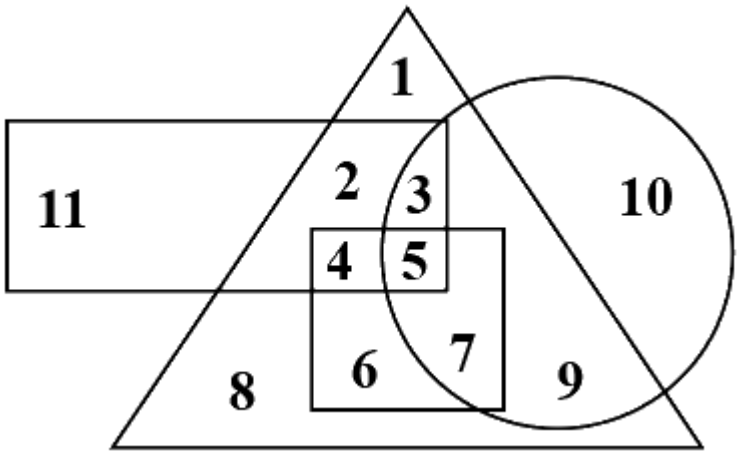
A C, B, D, A

B B, C, A, D

C C, B, A, D

D A, B, D, C

42 In the following diagram, circle represents businessman, square represents dancers, triangle represents musicians and rectangle represents Indians.



Who among the following is neither a dancer nor a musician but is a businessman and not an Indian?

A 8
B 11
C 1
D 10

43 A watch is 1 minute slow at 1 p.m. on Tuesday and 2 minutes fast at 1 p.m. on Thursday. When did it show the correct time?

A 1:00 am on Thursday
B 5:00 pm on Wednesday
C 1:00 pm on Wednesday
D 5:00 am on Wednesday

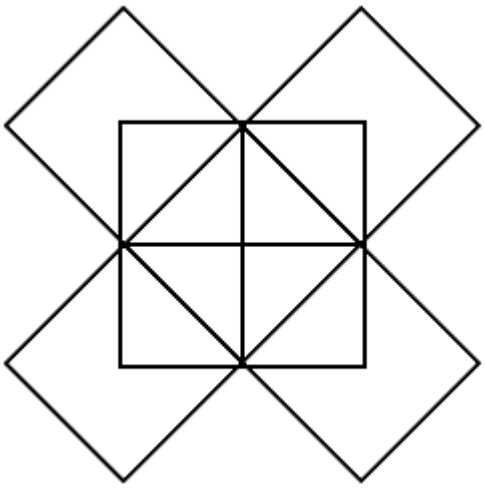
44 If DRIVER = 12, PEDESTRIAN = 20 and ACCIDENT = 16, then CAR is equal to:

A 3
B 6
C 8
D 10

45 Pointing to man in photograph, a woman said, "His brother's father is the only son of my grandfather". How is the woman related to the man in the photograph?

A Mother
B Aunt
C Sister
D Grandmother

46 The total number of squares and rectangles in the following figure is:



A 18
B 22
C 20
D 24

47 There is a certain relationship between two given words on one side of (::) and one word is given on the other side of (::). Another word is to be found from the given alternatives having the same relation, with this word, as the words of given pair has.
Genuine : Authentic :: Mirage : ?

A Reflection
B Hideout
C Illusion
D Image

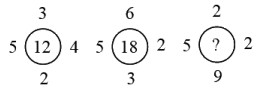
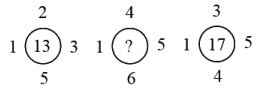
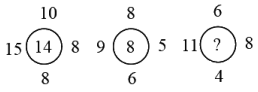
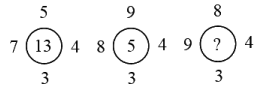
48 The missing term in the series: 5824, 5242, ?, 4247, 3823 is

A 4467
B 4718
C 4856
D 5164

49 Three statements are given below followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts and decide which of the given conclusions logically follows from the given statements.
Statements: All dolls are windows. All bottles are windows. All cars are bottles.
Conclusions:
I. All cars are windows
II. Some cars are dolls.
III. Some windows are cars.

A Only I and II follow
B Only II and III follow
C Only I and III follow
D Only III follows

50 Match the LIST-I with LIST-II

List-I (Problem Figure)	List-II (Missing Number)
A. 	I. 6
B. 	II. 12
C. 	III. 29
D. 	IV. 18

Choose the correct answer from the options given below:

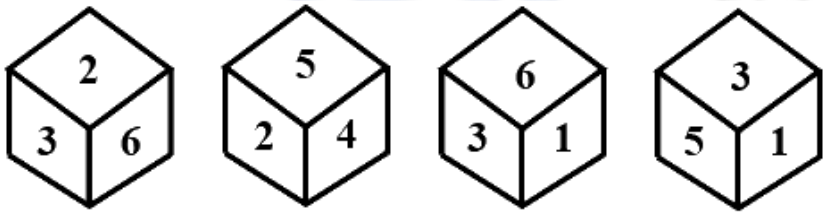
A A-II, B-III, C-IV, D-I

B A-III, B-II, C-IV, D-I

C A-IV, B-III, C-II, D-I

D A-IV, B-III, C-I, D-II

51 If four different positions of a dice are shown below



then what number is opposite 3?

A 6

B 4

C 3

D 2

52 Match the LIST-I with LIST-II

List - I (Series)	List-II(Missing Term)
A. GJ, KM, NQ, RT, ?	I. SH
B. AI, BJ, CK, ?	II. JQ
C. AZ, CX, FU, ?	III. UX
D. AZ, GT, MN, ?	IV. DL

A A-IV, B-II, C-III, D-I

B A-II, B-IV, C-III, D-I

C A-III, B-IV, C-I, D-II

D A-III, B-IV, C-II, D-I

53 Choose the odd one out from the following :

A Wheat
B Pea
C Mustard
D Rice

54 If '
−
' stands for 'division', '
+
' for 'multiplication', '
÷
' for 'substraction' and '
×
' for 'addition', then which one of the following equations is correct?

A
6 + 20 −12 ÷ 7 −1 = 38

B
6 −20 ÷ 12 × 7 + 1 = 57

C
6 + 20 −12 ÷ 7 × 1 = 62

D
6 ÷ 20 × 12 + 7 −1 = 70

55 If ROAST is coded as PQYUR in a certain code language, then how will SLOPPY be coded in that language?

A MRNAQN
B NRMNQA
C QNMRNA
D QANNMR

56 There are six persons A, B, C, D, E and F in a family. C is sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the family.
In reference to the above information, which of the following are correct?
A. E is the mother in the family.
B. A is the husband of E.
C. There are four male members in the family.
D. F is the son of D.

A B, C and D Only
B A, B and C Only
C A and B Only
D C and D Only

57 Match the LIST-I with LIST-II

List - I (Group)	List - II (Venn Diagram)
A. Hospital, Nurse, Patient	
B. Polygons, Quadrilaterals, Rhom	
C. Engine, Piston, Wheel	
D. Colour, Cloth, Merchant	

Choose the correct answer from the options given below:

A A-I, B-III, C-II, D-IV

B A-III, B-I, C-II, D-IV

C A-III, B-IV, C-I, D-II

D A-III, B-IV, C-II, D-I

58 Mr. 'X' starts walking straight towards east. After walking 75 metres, he turns to the left and walks 25 metres straight. Again he turns to the left, walks a distance of 40 metres straight, again he turns to the left and walks a distance of 25 metres. How far is he from the starting point?

A 25 metres

B 40 metres

C 35 metres

D 30 metres

59 Seven persons A, B, C, D, E, F and G are sitting around a circle and are facing the centre. G is second to the left of C, who is to the immediate left of F. A is third to the left of E. B is between D and E. Who is sitting immediate right of G?

A C

B D

C F

D A

60 Given below in the options are alternatives to the underlined part of the sentence that may improve the sentence. Choose the correct alternative:
"Some forms of feminism have been criticised for take into account only white, middle-class and college- educated perspectives."

A to take in

B for taking into

C to take into

D by take into

61 Pick the odd one out from the following options:

A strip of

B strip off

C strip away

D strip against

62 In the following question, a sentence has been given in direct speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect speech.
Pritha said to me, "We have to win this trophy".

A Pritha told me that they have to win that trophy.
B Pritha told me that we had to win that trophy.
C Pritha told me that we have to win that trophy.
D Pritha told me that they had to win that trophy.

63 In the following question a sentence is divided into four parts (A, B, C and D). Rearrange it in the proper sequence in order to make a meaningful sentence:
A. or unfair treatment
B. affirmative action is a policy
C. that tries to make up for past discrimination
D. against certain groups of people

A B, C, A, D
B D, B, A, C
C C, D, A, B
D D, C, B, A

64 The question below consists of a set of labelled sentences: Out of the four options given below, select the most logical order of the sentences to from a coherent paragraph:
A. Yet, he is remembered with reverence and affection as a great reformer.
B. People here are generally very open and accept religious and social changes with a positive attitude. C. For instance, Swami Dayanand Saraswati raised his voice against idol worship in Hindu Dharma.
D. India is a country which respects spirituality much more than materialism.

A B, C, D, A
B A, C, D, B
C C, D, A, B
D D, B, C, A

65 Choose the order of the sentences marked A, B, C, D and E that forms a logical paragraph:
A. Such an intervention in political reforms in India has got inspiration from the western societies.
B. These organisations have emphasised on an approach towards political democracy that is rooted in the idea of civil society.
C. The ever-widening group of middle class Indians is using NGOs to come face-to-face with India's poorer and working classes, and to plant the idea of rights and liberties across these communities.
D. And while it is still early days here, this trend carries a great deal of promises especially when we consider that the growth of such NGOs has been enabled by a non-partisan middle class with an active interest in political reforms.
E. This bottom-up civil consciousness though not rooted in Indian traditions, yet with non-political and non- partisan agenda, can bring in a new kind of democracy in India.

A C, D, A, B, E
B A, E, B, D, C
C B, D, E, A, C
D E, B, A, D, C

66 In the question, the sentence has two blanks: each blank indicating that something has been omitted. Choose the set of words for the blanks which best fits the meaning of the sentence as a whole.
"The _____ of new projects in the energy sector is _____ not only on low cost or profitability of the project but also on sustainability".

A planning, vulnerable
B occurrence, premised
C initiation, dependent
D starting, possible

67 In the following sentence, find out which part of the sentence has an error and select the appropriate option: "The patient died / despite he had received / the best medical help / from the hospital staff."

A The patient died
B despite he had received
C the best medical help
D from the hospital staff.

68 Pick the word with the correct spelling:

A Lieutinant
B Lieutenant
C Leftinant
D Leutenant

69 In the following question, a sentence has been given in passive voice. Out of the four given alternatives, select the one which best expresses the same sentence in active voice.
"A good deal of money will be made by the investment."

A The investment has made a good deal of money.
B The investment will be making a good deal of money.
C The investment has been making a good deal of money.
D The investment will make a good deal of money.

70 Pick the synonym of the word PROSCRIBE:

A Torture
B Forbid
C Progressive
D Elemental

71 Choose the correct answer from the options given below:

List-I	List-II
A. Be at cross purpose	I. secret things
B. Wheels within wheels	II. not understanding each other
C. Wild goose chase	III. without any preparation
D. Off the cuff	IV. foolish effort

A A-I, B-II, C-III, D-IV
B A-I, B-IV, C-III, D-II
C A-II, B-I, C-IV, D-III
D A-IV, B-III, C-II, D-I

72

List-I	List-II
A. Alias	I. in proportion
B. De jure	II. in the place of somethingr
C. In lieu of	III. as a matter of legal rights
D. Pro rata	IV. second name

Choose the correct answer from the options given below:

A A-I, B-II, C-III, D-IV

B A-IV, B-III, C-II, D-I

C A-III, B-II, C-IV, D-I

D A-IV, B-III, C-I, D-II

73

List-I	List-II
A. The team had won the match.	I. Simple past tense
B. The team won the match.	II. Past continuous tense
C. The team had been winning the match.	III. Past perfect tense
D. The team was winning the match.	IV. Past perfect continuous tense

Choose the correct answer from the options given below:

A A-I, B-II, C-III, D-IV

B A-II, B-III, C-IV, D-I

C A-III, B-I, C-IV, D-II

D A-IV, B-I, C-II, D-III

74 Identify the error in the sentence given below:
1. After knowing truth / 2. they took the right decision / 3. in the matter / 4. and punished the real culprits.

A 1

B 2

C 3

D 4

75 Pick the antonym of the word ENTREATY:

A Immense

B Command

C Request

D Hatred

76 From the following four alternatives, choose the one that can be substituted for the given words/sentence. "One who is indifferent to pain or pleasure."

A Eccentric

B Philosopher

C Fatalist

D Stoic

77 Choose the correct meaning of the proverb/idiom from the given options:
Not to mince matters

A to be at ease

B to not confuse others

C to not interfere in others' affairs

D to speak out plainly

78 Identify the error in the sentence given below:
(1) Education is a instrument/(2) which imparts knowledge and/(3) therefore indirectly controls power/(4) and narratives.

A 1
B 2
C 3
D 4

79 Out of the four alternatives, choose the one that can be substituted for the given words/phrase: "Misappropriation of money."

A Robbery
B Embezzlement
C Theft
D Fraud

80 Choose the correct meaning of the phrase/idiom from the given options:
Where discipline is concerned, I put my foot down.

A take a firm stand
B take a light stand
C take a heavy stand
D take a shaky stand

81 Pick the synonym of the word CALLOUS:

A Passive
B Careless
C Cursed
D Insensitive

82 Choose the correct meaning of the underlined word:
Students are allowed only one resit.

A to take rest
B to do creative work
C to take an exam again
D to do research on a topic

83 Pick the antonym of the word COLOSSAL:

A Epic
B Rust
C Tiny
D Vast

84 Choose the option that best replaces the underlined phrase:
"Happy is the man who acquired the habit of reading when he is young."

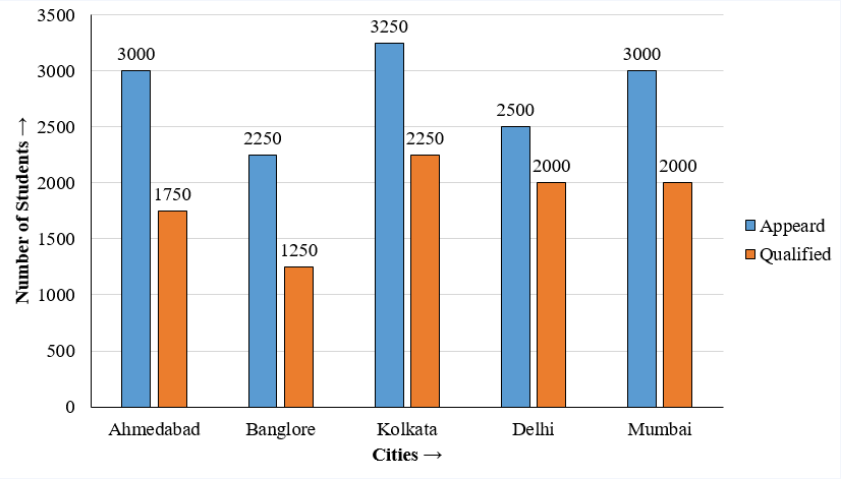
A who acquires
B which was acquiring
C who acquire
D who has been acquired

85 Pick the most appropriate punctuation mark for the following sentence.
"What a good man he is ____"

A (.) full stop
B (?) question mark
C (!) exclamation mark
D (:) colon

Directions

Total Number of Students who appeared and qualified from various cities at a Management Entrance Exam:



86 The average number of students who qualified in the examination from Kolkata and Delhi is what percent of the average number of students who appeared for the exam from the same cities? (rounded off to 2 digits after decimal)

A 58.61 **B** 62.58

C 73.91 **D** 77.96

87 What is the difference between the average number of students who appeared in the entrance exam from all given cities and the average number of students who qualified from all the cities together?

A 950 **B** 990

C 1100 **D** 1020

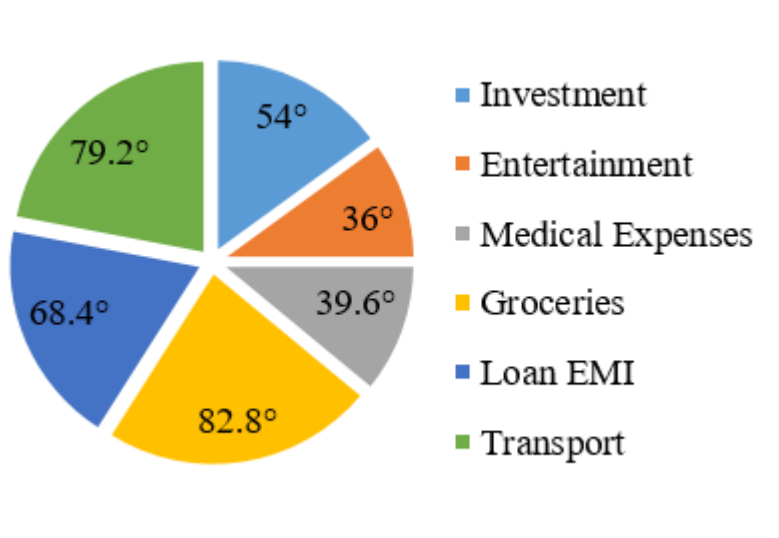
88 The number of students who appeared for the exam from Delhi is approximately what percent of the total number of students who appeared for the exam from all cities together?

A 24% **B** 18%

C 28% **D** 12%

Directions

Degree wise Break-up of Expenditure of a Family in a Month:



89 Total amount spent in a month = ₹45,800
What is the ratio of the amount spent by the family on medical expenses to the amount spent on groceries?

A 1:2 **B** 13:21

C 3:5 **D** 11:23

90 Total amount spent in a month = ₹45,800
What is the total amount spent by the family on Entertainment and Loan EMI together?

A ₹ 9,618 **B** ₹ 13,282

C 13,740 **D** 11,908

Directions

Study the table given below and answer the question that follows:
Total Number of Faculties in Different Departments of an Institute and Percentage of Females and males.

Department	Total no.of Faculties	Percentage of Females	Percentage of Males
Computer Science	840	45	55
Mathematics	220	35	65
Physics	900	23	77
Chemistry	360	65	35
Management	450	44	56
Accounts	540	40	60

91 What is the total number of males in Computer Science, Mathematics and Chemistry departments together?

A 687 **B** 731

C 786 **D** 678

92 What is the ratio of the number of females in Physics department to the number of females in the Management department?

A 22:23
B 35:33
C 23:22
D 33:35

Directions

One of the peculiarities which distinguish the present age is the multiplication of books. Everyday brings new advertisements of literary undertakings, and we are flattered with repeated promises of growing wise on easier terms than our progenitors. How much either happiness or knowledge is advanced by this multitude of authors, is not very easy to decide. He that teaches us anything which we know not before, is undoubtedly to be loved as a benefactor; and he that supplies life with innocent amusement, will certainly be caressed as a pleasing companion. But a few of those who fill the world with books, have any pretensions to the hope either of pleasing or instructing. They have often no other task than to lay two books before them out of which they compile a third, without any new materials of their own, and with little application of judgement to those which former authors have supplied. That all compilations are useless, I do not assert. Particles of science are often widely scattered upon topics very remote from the principal subject, which are often more valuable than formal treatises, and which yet are not known because they are not promised in the title. He that collects those under proper heads is laudably employed; for though he exerts no great abilities in the work, he facilitates the progress of others, and, by making that easy of attainment which is already written, may give some mind more vigorous or more adventurous than his own, leisure for new thoughts and originality of designs. But the collections poured lately from the press have seldom been made at any great expense of time or inquiry and therefore only serve to distract choice without supplying any real want.

93 Which of the following statements are true about the given passage :
A. The writer condemns the vanity publications devoid of new ideas.
B. Though the writer acknowledges the contribution of the genuine writers, he appears to be worried about the prevailing publications.
C. The writer denigrates and outrightly rejects the compilation works in general.
D. Instead of being totally against the compilations, the writer opines that such works could be substantially useful, if they are done properly.

A A and B Only
B A and D Only
C A, B and D Only
D B, C and D Only

94 Which of the following terms suitably describe the idea stated in the given passage:
A. Copyright laws
B. Plagiarism
C. Duplication
D. Innovation

A A and B Only
B B and C Only
C A, B and C Only
D B, C and D Only

95 Which of the following statements are true about the given passage:
A. The passage presents a robust picture of the publication industry.
B. The passage presents a bleak condition of publications in the present age.
C. The main idea of the passage is elaborated through juxtaposition.
D. The passage is primarily in the present tense with active and occasional passive sentence construction.

A A and C Only
B B and D Only
C A, C and D Only
D B, C and D Only

Directions

Unlike, (i) Britain, the Indian Constitution has a Bill of Rights. This was a break with the past and the roots of the change lay in the history of the Indian freedom. Prior to the enactment of the Parliamentary Act of 1935, demands were made (ii) India for the incorporation into the Act a Bill of Rights. This demand was rejected by the British Government following its own tradition that freedom was best preserved not by constitutional provisions but by adherence to the rule of law and to unwritten practices and conventions. This was not (iii) to the Indian mind which had long suffered from discriminations, disabilities and oppressive acts of the foreign rulers. To Indians, as to most modern minds, a Bill of Rights was an essential feature of a complete Constitution. It has been said that "the Indian reaction" (in enacting the Bill of Rights), "like the American reaction, is in large measure a product of the British rule." The Indian Bill of Rights (iv), in a certain measure, the pattern of the Constitution of the United States of America, but it has also borrowed (v) from other Constitutions, and some of its provisions are indicative of the peculiar difficulties of the institutions of the country itself.

96 Pick the most appropriate word to fill (i) in the given passage:

A the
B in
C on
D with

97 Pick the most appropriate word to fill (iii) in the given passage:

A accepted
B accepting
C acceptable
D acceptably

98 Pick the most appropriate word to fill (ii) in the given passage:

A on behalf
B behalf of
C on the behalf of
D on behalf of

99 Pick the most appropriate word to fill (v) in the given passage:

A large
B largest
C largely
D largly

100 Pick the most appropriate word to fill (iv) in the given passage:

A follow
B follows
C followed
D following

Answer Key

Questions

1 **B**	2 **A**	3 **D**	4 **C**	5 **C**	6 **C**	7 **C**	8 **B**	9 **D**	10 **B**
11 **D**	12 **D**	13 **D**	14 **B**	15 **C**	16 **B**	17 **C**	18 **A**	19 **D**	20 **C**
21 **A**	22 **C**	23 **A**	24 **B**	25 **C**	26 **D**	27 **D**	28 **B**	29 **D**	30 **C**
31 **D**	32 **C**	33 **D**	34 **D**	35 **C**	36 **D**	37 **B**	38 **D**	39 **C**	40 **C**
41 **C**	42 **D**	43 **D**	44 **B**	45 **C**	46 **C**	47 **C**	48 **B**	49 **C**	50 **D**
51 **B**	52 **D**	53 **D**	54 **D**	55 **C**	56 **B**	57 **C**	58 **C**	59 **D**	60 **B**
61 **D**	62 **C**	63 **A**	64 **D**	65 **A**	66 **C**	67 **B**	68 **B**	69 **D**	70 **B**
71 **C**	72 **B**	73 **C**	74 **A**	75 **B**	76 **D**	77 **D**	78 **A**	79 **B**	80 **A**
81 **D**	82 **C**	83 **C**	84 **A**	85 **C**	86 **C**	87 **A**	88 **B**	89 **D**	90 **B**
91 **B**	92 **C**	93 **C**	94 **B**	95 **D**	96 **B**	97 **C**	98 **D**	99 **C**	100 **B**

Thinkoraa
Think big, Achieve bigger

Solutions

Questions

1 **Answer: B**

Correct answer: **B — 8:27:12 hours**.

2 **Answer: A**

Correct answer: **A — 1**.

3 **Answer: D**

Correct answer: **D — 3**.

4 **Answer: C**

Correct answer: **C — A and B only**.

5 **Answer: C**

Correct answer: **C — 15%**.

6 **Answer: C**

Correct answer: **C — D < C < B < A**.

7 **Answer: C**

Correct answer: **C — 4 years**.

8 **Answer: B**

Correct answer: **B — ₹ 18.58**.

9 **Answer: D**

Correct answer: **D — A and C only**.

10 **Answer: B**

Correct answer: **B — ₹ 24,000**.

11 **Answer: D**

Correct answer: **D —** $6\sqrt{2}$ **m**.

12 **Answer: D**

Correct answer: **D — 11**.

13 **Answer: D**

Correct answer: **D — $\frac{10}{21}$**.

14 **Answer: B**

Correct answer: **B — 672 cm³**.

15 **Answer: C**

Correct answer: **C — 24**.

16 **Answer: B**

Correct answer: **B — 6,1**.

17 **Answer: C**

Correct answer: **C — 35%**.

18 **Answer: A**

Correct answer: **A — 5997**.

19 **Answer: D**

Correct answer: **D — A-III, B-IV, C-II, D-I**.

20 **Answer: C**

Correct answer: **C — $\frac{3}{5}$**.

21 **Answer: A**

Correct answer: **A — 17**.

22 **Answer: C**

Correct answer: **C — 2**.

23 **Answer: A**

Correct answer: **A — 5**.

24 **Answer: B**

Correct answer: **B — ₹ 400**.

25 **Answer: C**

Correct answer: **C — 273 m**.

26 **Answer: D**

Correct answer: **D — 29**.

27 **Answer: D**

Correct answer: **D — 27:43**.

28 **Answer: B**

Correct answer: **B — 7:6**.

29 **Answer: D**

Correct answer: **D — C > B > D > A**.

30 **Answer: C**

Correct answer: **C — 62.50%**.

31 **Answer: D**

Correct answer: **D — 2,450**.

32 **Answer: C**

Correct answer: **C — ₹ 400, ₹ 260, ₹ 600 and ₹ 520**.

33 **Answer: D**

Correct answer: **D — 3026**.

34 **Answer: D**

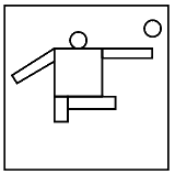
Correct answer: **D — A, B and C only**.

35 **Answer: C**

Correct answer: **C — D, C, B, E, A**.

36 **Answer: D**

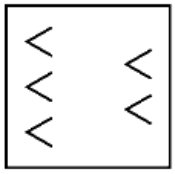
Correct answer: **D —**



.

37 **Answer: B**

Correct answer: **B —**



.

38 **Answer: D**

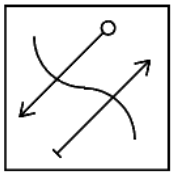
Correct answer: **D — B and D Only**.

39 **Answer: C**

Correct answer: **C — A, B and D only**.

40 **Answer: C**

Correct answer: **C —**



.

41 **Answer: C**

Correct answer: **C — C, B, A, D**.

42 **Answer: D**

Correct answer: **D — 10**.

43 **Answer: D**

Correct answer: **D — 5:00 am on Wednesday**.

44 **Answer: B**

Correct answer: **B — 6**.

45 **Answer: C**

Correct answer: **C — Sister**.

46 **Answer: C**

Correct answer: **C — 20**.

47 **Answer: C**

Correct answer: **C — Illusion**.

48 **Answer: B**

Correct answer: **B — 4718**.

49 **Answer: C**

Correct answer: **C — Only I and III follow**.

50 **Answer: D**

Correct answer: **D — A-IV, B-III, C-I, D-II**.

51 **Answer: B**

Correct answer: **B — 4**.

52 **Answer: D**

Correct answer: **D — A-III, B-IV, C-II, D-I**.

53 **Answer: D**

Correct answer: **D — Rice**.

54 **Answer: D**

Correct answer: **D —**
6 ÷ 20 × 12 + 7 −1 = 70.

55 **Answer: C**

Correct answer: **C — QNMRNA**.

56 **Answer: B**

Correct answer: **B — A, B and C Only**.

57 **Answer: C**

Correct answer: **C — A-III, B-IV, C-I, D-II**.

58 **Answer: C**

Correct answer: **C — 35 metres**.

59 **Answer: D**

Correct answer: **D — A**.

60 **Answer: B**

Correct answer: **B — for taking into**.

61 **Answer: D**

Correct answer: **D — strip against**.

62 **Answer: C**

Correct answer: **C — Pritha told me that we have to win that trophy.**.

63 **Answer: A**

Correct answer: **A — B, C, A, D**.

64 **Answer: D**

Correct answer: **D — D, B, C, A**.

65 **Answer: A**

Correct answer: **A — C, D, A, B, E**.

66 **Answer: C**

Correct answer: **C — initiation, dependent**.

67 **Answer: B**

Correct answer: **B — despite he had received**.

68 **Answer: B**

Correct answer: **B — Lieutenant**.

69 **Answer: D**

Correct answer: **D — The investment will make a good deal of money.**.

70 **Answer: B**

Correct answer: **B — Forbid**.

71 **Answer: C**

Correct answer: **C — A-II, B-I, C-IV, D-III**.

72 **Answer: B**

Correct answer: **B — A-IV, B-III, C-II, D-I**.

73 **Answer: C**

Correct answer: **C — A-III, B-I, C-IV, D-II**.

74 **Answer: A**

Correct answer: **A — 1**.

75 **Answer: B**

Correct answer: **B — Command**.

76 **Answer: D**

Correct answer: **D — Stoic**.

77 **Answer: D**

Correct answer: **D — to speak out plainly**.

78 **Answer: A**

Correct answer: **A — 1**.

79 **Answer: B**

Correct answer: **B — Embezzlement**.

80 **Answer: A**

Correct answer: **A — take a firm stand**.

81 **Answer: D**

Correct answer: **D — Insensitive**.

82 **Answer: C**

Correct answer: **C — to take an exam again**.

83 **Answer: C**

Correct answer: **C — Tiny**.

84 **Answer: A**

Correct answer: **A — who acquires**.

85 **Answer: C**

Correct answer: **C — (!) exclamation mark**.

86 **Answer: C**

Correct answer: **C — 73.91**.

87 **Answer: A**

Correct answer: **A — 950**.

88 **Answer: B**

Correct answer: **B — 18%**.

89 **Answer: D**

Correct answer: **D — 11:23**.

90 **Answer: B**

Correct answer: **B — ₹ 13,282**.

91 **Answer: B**

Correct answer: **B — 731**.

92 **Answer: C**

Correct answer: **C — 23:22**.

93 **Answer: C**

Correct answer: **C — A, B and D Only**.

94 **Answer: B**

Correct answer: **B — B and C Only**.

95 **Answer: D**

Correct answer: **D — B, C and D Only**.

96 **Answer: B**

Correct answer: **B — in**.

97 **Answer: C**

Correct answer: **C — acceptable**.

98 **Answer: D**

Correct answer: **D — on behalf of**.

99 **Answer: C**

Correct answer: **C — largely**.

100 **Answer: B**

Correct answer: **B — follows**.