

MBA CET 2007 Question Paper and solutions



1. 'Mustard' is related to 'Seed' in the same way as 'Carrot' is related to
(1) Fruit (2) Stem (3) Flower (4) Roof
(5) None of these
2. How many meaningful English words can be formed with the letters ESTR using each letter only once in each word ?
(1) None (2) One (3) Two (4) Three
(5) More than three
3. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) Cup (2) Jug (3) Tumbler (4) Plate
(5) Pitcher
4. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) Copper (2) Mercury (3) Iron (4) Aluminium
(5) Zinc
5. 'FI' is related to 'LO' in the same way as 'PS' is related to
(1) VY (2) VZ (3) WZ (4) UX
(5) None of these
6. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) 217 (2) 143 (3) 241 (4) 157
(5) 181
7. K is brother of T. M is mother of K. W is brother of M. How is W related to T ?
(1) Maternal uncle (2) Paternal uncle (3) Grandfather (4) Data inadequate
(5) None of these
8. 'Gram' is related to 'Mass' in the same way as 'Centimetre' is related to
(1) Area (2) Volume (3) Length (4) Sound
(5) Energy
9. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) 12 (2) 28 (3) 52 (4) 68
(5) 96



Give answer (3) If either Conclusion I or II follows.
Give answer (4) If neither Conclusion I nor II follows.
Give answer (5) If both Conclusions I and II follow.

21. **Statements :** All benches are cots. No cot is lamp.
Same lamps are candles.
Conclusions : I. Some cots are benches.
II. Some candles are cots.
22. **Statements :** Some cats are dogs. All dogs are goats.
All goats are walls.
Conclusions : I. Some walls are dogs.
II. Some walls are cats.
23. **Statements :** Some buildings are sofas.
Some sofas are benches.
Some benches are tables.
Conclusions : I. Some tables are sofas.
II. No table is sofa.
24. **Statements :** All rats are bats. Some bats are desks.
All desks are chairs.
Conclusions : I. Some desks are rats.
II. Some chairs are rats.
25. **Statements :** Some roads are ponds. All ponds are stores.
Some stores are bags.
Conclusions : I. Some bags are ponds.
II. Some stores are roads.

Directions (Q. 26-30) : Study the following information carefully and answer the questions given below :

P, Q, R, S, T and M are six students of a school, one each studies in Class I-VI. Each of them has a favourite colour from red, black, blue, yellow, pink and green, not necessarily in the order.

Q likes black and does not study in class IV or V. The one who studies in Class IV does not like green. P studies in Class II. M likes blue and does not study in Class IV. The one who likes yellow studies in Class VI. S likes pink and studies in Class I. R does not study in Class VI.

26. In which class does R study ?
(1) V (2) III (3) IV (4) Data inadequate
(5) None of these
27. Which colour does R like ?
(1) Black (2) Yellow (3) Green (4) Blue
(5) None of these
28. Which colour does P like ?
(1) Green (2) Yellow (3) Red (4) Data inadequate
(5) None of these
29. Which of the following combinations is correct ?
(1) P-II-Yellow (2) Q-III-Green (3) S-I-Black (4) T-V-Yellow
(5) None of these
30. In which class does M study ?
(1) IV (2) III (3) II (4) V
(5) None of these

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1. 'black' means 'red', 'red' means 'blue', 'blue' means 'yellow' and 'yellow' means 'grey', then which of the following represents the colour of clear sky ?
(1) blue (2) red
(3) yellow (4) Cannot be determined
(5) None of these
11. How many such pairs of letters are there in the word STAPLER each of which has as many letters between them in the word as in the English alphabet ?
(1) None (2) One (3) Two (4) Three
(5) More than three
12. In a certain code, MODEL is written as '513#2' and DEAR is written as '3#%8'. How is LOAD written in that code ?
(1) 21%3 (2) 23%1 (3) 25%3 (4) 21#3
(5) None of these
13. Town D is to the West of town M. Town R is to the South of town D. Town K is to the East of town R. Town K is towards which direction of town D ?
(1) South (2) East (3) North-East (4) South-East
(5) None of these
14. How many such digits are there in the number 5261983 each of which is as far away from the beginning of the number as when the digits are arranged in ascending order within the number ?
(1) None (2) One (3) Two (4) Three
(5) More than three
15. What should come next in the following letter series ?
H G F E D C B A H G F E D C B H G F E D C H
(1) F (2) G (3) B (4) A
(5) None of these

Directions (Q. 16-20) : In the following questions two equations numbered I and II are given. You have to solve both the equations and

Give answer (1) If $X > Y$

Give answer (2) If $X \geq Y$

Give answer (3) If $X < Y$

Give answer (4) If $X \leq Y$

Give answer (5) If $X = Y$

16. I. $x^2 - 14x + 48 = 0$

II. $y^2 + 6 = 5y$

17. I. $x^2 + 9x + 20 = 0$

II. $y^2 + 7y + 12 = 0$

18. I. $x^2 = 529$

II. $y = \sqrt{529}$

19. I. $x^2 + 13x = -42$

II. $y^2 + 16y + 63 = 0$

20. I. $2x + 3y = 14$

II. $4x + 2y = 16$

Directions (Q. 21-25) : In each of the questions below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give answer (1) If only Conclusion I follows.

Give answer (2) If only Conclusion II follows.

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the following questions, the symbols @, ©, \$, % and ★ are used with the following meanings as illustrated below :

'P©Q' means 'P is not greater than Q'.

'P%Q' means 'P is not smaller than Q'.

'P★Q' means 'P is neither smaller than nor equal to Q'.

'P@Q' means 'P is neither greater than nor equal to Q'.

'P\$Q' means 'P is neither greater than nor smaller than Q'.

Now in each of the following questions, assuming the given statements to be true, find which of the two conclusions I and II given below them is/are **definitely true**.

Give answer (1) If only Conclusion I is true.

Give answer (2) If only Conclusion II is true.

Give answer (3) If either Conclusion I or II is true.

Give answer (4) If neither Conclusion I nor II is true.

Give answer (5) If both Conclusions I and II are true.

31. Statements : K@V, V©N, N%F
Conclusions : I. F@V II. K@N
32. Statements : H©W, W\$M, M@B
Conclusions : I. B★H II. M%H
33. Statements : D%B, B★T, T\$M
Conclusions : I. T©D II. M©D
34. Statements : M★T, T@K, K©N
Conclusions : I. N★T, II. N★M
35. Statements : R\$J, J%D, D★F
Conclusions : I. D\$R II. D@R

Directions (Q. 36-42) : Read the following passage carefully and answer the questions given below it. Certain phrases in the passage have been words are printed in **bold** to help you locate them while answering some of the questions.

Anyone who forms his own opinions and beliefs will feel that he owes no responsibility to the majority for his conclusions. If he is a genuine lover of truth, if he is inspired by a passion for seeing things as they are and a detestation of holding ideas which do not conform to facts, he will be wholly independent of the acquiescence of those around him. When he proceeds to **apply his beliefs in the practical conduct of life**, the position is different. There are then good reasons why his attitude should be less rigid. The society in which he is placed is an ancient and composite growth. The people from whom he dissents have not come by their opinions and institutions by a process of mere haphazard. These opinions and customs all had their origin in a certain real or supposed fitness. They have a certain depth of root in the lives of a proportion of the existing generation. Their fitness for satisfying needs may have misplaced and their congruity with one another may have come to an end. That is only one side of the truth. The most passionate propagandist cannot penetrate to them.

In common language we speak of a generation as something possessed of a kind of exact unity, which all its parts and members homogeneous. Yet plainly it is not this. It is a whole, but a whole in a state of constant flux, its factors and elements are eternally shifting. It is not one, but many generations. Each of the seven ages of man is neighbour to all the rest. The column of the veterans is already sinking the last abyss, while the column of the newest recruits is forming. To its tradition, the tendency and its possibilities, only a proportion of each can have nerve enough to grasp the banner of a new truth and endurance to bear it along rugged and untrodden ways.

The we must remember the substance of which life is made. We must consider what an overwhelming preponderance of the most persistent energies and most concentrated interests of a society must be absorbed between material cares and the solitude of the affections. It is obviously unreasonable to lose patience and quarrel with one's time because it is tardy in throwing off its institutions and beliefs and slow to achieve the transformation which is the problem in front of it. Men and women have to live. The task for most of us is hard



enough to make us well pleased with even such imperfect shelter as we find in daily use and customs. To insist on a whole community being made at once to submit to the supremacy of new practices and ideas that have just begun to acclaim themselves to the most advanced speculative intelligence of the time. This, even if it were a possible process, would do much to make life impracticable and to hurry on social dissolution.

36. The overnight changes in social settings are not desirable because it will
- (1) retard the progress (2) lead to social disintegration
(3) give vitality to social life (4) make a society too narrow to survive
(5) None of these
37. The her task according to author is to
- (A) change the society (B) earn a living
(C) change according to times
(1) Only A and C (2) Only B and C (3) Only A and B (4) Only A
(5) Only C
38. The problems which is discussed in the passage reflects
- (1) realist attitude of the author
(2) the pessimistic view expressed by a group of people
(3) a doctrinaire the explains that role of culture
(4) making good use of genuine lover of truth
(5) None of the above
39. Which of the following best describes the phrase **apply his beliefs in the practical conduct of lifes** as used in the passage ?
- (1) To indoctrinate what he believes (2) To denounce what he believes
(3) To preach what is practiced (4) To practice what is preached
(5) None of these
40. According to author a generation, which is heterogeneous, should be perceived as
- (1) sum total of the parts of the subsystem
(2) a whole which is not a total of the parts
(3) fragmented group of people
(4) individual inter linkages connected through synergy
(5) None of the above
41. According to the passage, which of the following is true ?
- (1) Impatience of intellectuals with practical problems is the source of progress
(2) Day to day concerns dominates the life of most people
(3) Intellectuals are the leaders of social transformation
(4) Social change will be slow in the absence of effective leaders.
(5) None of the above
42. According to passage from which of the following do the customs and traditions originate ?
- (1) Ignorance of events happening around
(2) Leadership prevailing in the contemporary society
(3) Social utility of the societal set up
(4) Conflicts of individuals living in society
(5) None of the above

Directions (Q. 43-52) : Study the following information carefully and answer the questions given below :

Following are the conditions for selecting personnel manager in an organisation :

The candidate must

- (i) be a graduate with at least 50 per cent marks.
(ii) have a postgraduate degree/diploma in Personnel Management/HR with at least 60 per cent marks.



- (iii) not be more than 35 years as on 1.6.2009.
- (iv) have post-qualification work experience of at least five years in the Personnel/HR Division of an organisation.
- (v) have secured at least 45 per cent marks in the selection process.

In the case of a candidate who satisfies all the conditions

EXCEPT

- (a) at (iii) above, but has post-qualification work experience of at least ten years, the case is to be referred to the Director-Personnel.
- (b) at (iv) above, but has post-qualification work experience as Deputy Personnel Manager of at least three years, the case is to be referred to President-Personnel.

In each question below are given details of one candidate. You have to take one of the following courses of action based on the information provided and the conditions and sub-conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 1.6.2009.

Mark answer (1) If the candidate is to be selected.

Mark answer (2) If the candidate is not to be selected.

Mark answer (3) if the information provided is inadequate to take a decision.

Mark answer (4) If the case is to be referred to the Director-Personnel.

Mark answer (5) If the case is to be referred to the President-Personnel.

- 43. Meena Srivastava was born on 6th March 1978. She has been working as Deputy Personnel Manager in an organization for the past four years after completing her postgraduate diploma in HR with 68 per cent marks. She has secured 50 per cent marks in both graduation and selection process.
- 44. Ketan Desai was born on 5th January 1976. He has been working for the past five years in the personnel deptt of an organisation after completing his postgraduate diploma in personnel management with 64 per cent marks. He has secured 40 per cent marks in the selection process and 52 per cent marks in graduation.
- 45. Anant Joshi has been working in the personnel department of an organisation for the past six years. He was born on 7th November 1977. He has secured 60 per cent marks in postgraduate degree in personnel management. He has also secured 55 per cent marks in both graduation and selection process.
- 46. Mohan Bajpai was born on 10th April 1975. He has secured 55 per cent marks in graduation and 65 per cent marks in postgraduate diploma in personnel management. He has been working in the HR Deptt, of an organisation for the past six years after completing his postgraduate diploma.
- 47. Gopal Sharma has been working for the past five years in the HR Deptt. of an organisation after completing his postgraduate diploma in HR with 62 per cent marks. He has secured 50 per cent marks in both graduation and selection process. He was born on 29th May 1974.
- 48. Arun Vohra has secured 55 per cent marks in graduation. He has been working in the personnel deptt. of an organisation for the past eleven years after completing his postgraduate degree in personnel management with 65 per cent marks. He has secured 50 per cent marks in the selection process. He was born on 12th August 1972.
- 49. Asha Dhar has secured 52 per cent marks in graduation and 62 per cent marks in postgraduate degree in personnel management. She has also secured 48 per cent marks in the selection process. She has been working for the past seven years in the personnel deptt. of an organisation after completing her postgraduate degree. She was born on 8th June 1974.
- 50. Sudha Ghosal was born on 20th October 1976. She has been working as Deputy Personnel Manager for the past four years in an organisation after completing her postgraduate degree in HR with 67 per cent marks. She has secured 60 per cent marks in graduation and 45 per cent marks in the selection process.
- 51. Amit Saxena was born on 25th July 1973. He has been working in the personnel deptt. of an organisation for the past eleven years after completing his postgraduate diploma in HR with 70 per cent marks. He has secured 60 per cent marks in both graduation and selection process.

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52. Navin Das was born on 14th April 1978. He has been working in the personnel deptt of an organisation for the past six years after completing his postgraduate diploma in HR with 65 per cent marks. He has secured 45 per cent marks in both graduation and selection process.

Directions (Q. 53-57) : In each question below is given a group of letters followed by four combinations of digits/symbols numbered (1), (2), (3) and (4). You have to find out which of the combinations correctly represents the group of letters based on the following coding system and the conditions and mark the number of that combination as your answer. If none of the four combinations correctly represents the group of letters, give (5) ie 'None of these' as the answer.

Letters : M D R P A T W E I F H U K Z

Digits/Symbol Code : 5 6 # 7 8 1 @ \$ 2 % 3 © 4 9

Conditions :

- (i) If the first letter is a consonant and the last letter is a vowel, their codes are to be interchanged.
- (ii) If both the first and the last letters are vowels, both are to be coded as ★.
- (iii) If the first letter is a vowel and the last letter is a consonant, both are to be coded as the code for the consonant.

53. TUKDIP
 (1) 1©4627 (2) 1©4621 (3) 7©4621 (4) 1©6427
 (5) None of these
54. EFD MKA
 (1) \$%6548 (2) \$%654\$ (3) ★%654★ (4) 8%6548
 (5) None of these
55. APWTUH
 (1) ★7@1©★ (2) 87@1©3 (3) 37@1©8 (4) 87@1©8
 (5) None of these
56. MARTWE
 (1) 58#1@\$ (2) 58#1@5 (3) \$8#1@5 (4) \$8#1@\$
 (5) None of these
57. HEMKZI
 (1) 2\$5493 (2) 3\$5492 (3) 3\$5493 (4) 2\$5492
 (5) None of these

Directions (Q. 58-62) : Study the table carefully to answer the questions that follow :

Percentage of Marks Obtained by Six Students in Six Different Subjects

Subject/Student	Maths (out of 150)	English (out of 75)	Science (out of 125)	Hindi (out of 50)	Social Studies (out of 100)	Marathi (out of 25)
A	74	68	62	68	81	74
B	64	72	82	68	63	66
C	72	84	78	66	77	70
D	78	82	64	70	69	84
E	82	64	84	72	65	60
F	68	72	74	74	83	80

58. If to pass in the exam, a minimum of 54 marks in English and minimum 93 marks in Science are required, how many students passed the exam ?
 (1) One (2) Four (3) Two (4) Three
 (5) None of these
59. Which student scored the highest marks in all subjects together ?
 (1) F (2) E (3) B (4) C
 (5) None of these

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60. What are the average marks obtained by all students together in Hindi ? (rounded off to two digits after decimal)
- (1) 35.02 (2) 32.68
 (3) 31.33 (4) 30.83
 (5) None of these
61. What is the overall percentage of marks obtained by F in all subjects together ?
- (1) 74 (2) 72 (3) 75 (4) 78
 (5) None of these
62. What are the total marks obtained by B in Maths and Social Studies together ?
- (1) 153 (2) 159 (3) 146 (4) 149
 (5) None of these

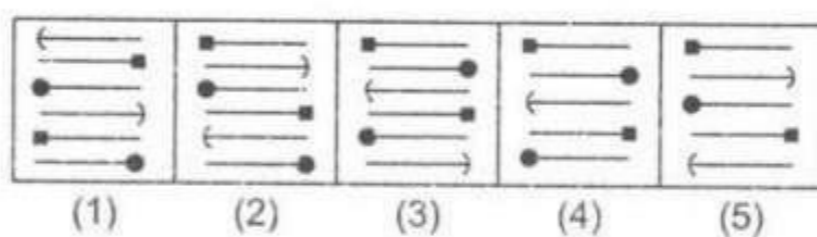
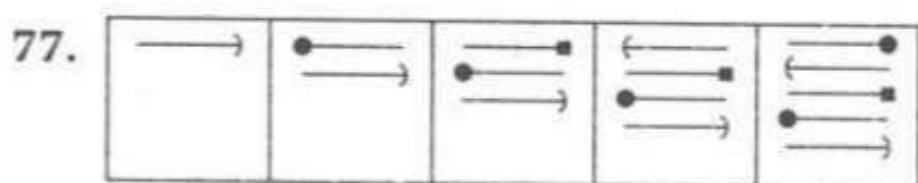
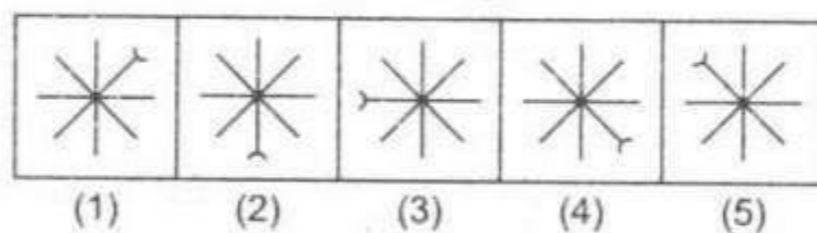
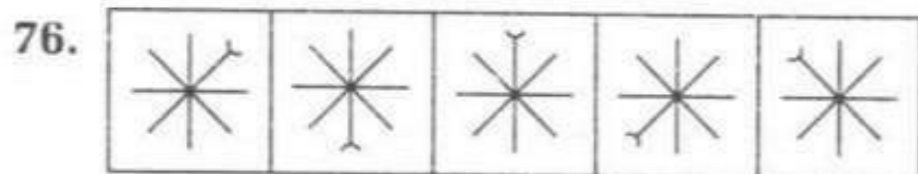
Directions (Q. 63-75) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5) ie, (Ignore the errors of punctuation, if any.)

63. Selling peanuts(1)/on the road is(2)/the only means of earning (3)/in respect of most of the people. (4)/No error (5)
64. Her talk was (1)/judged by many (2)/as one of the most important talks (3)/given in the seminar. (4)/No error (5)
65. The boy who was guilty with (1)/having stolen the cell phone (2)/came out (3)/with the truth. (4)/No error (5)
66. She is the teacher (1)/whom I know (2)/has helped my son (3)/in the examination. (4)/No error (5)
67. You cannot demand (1)/all your articles (2)/unless you do not (3)/give advance notice. (4)/No error (5)
68. We insisted, but neither (1)/Iona nor her assistant (2)/are ready to (3)/work on Sunday. (4)/No error (5)
69. There is just not enough (1)/time in my unit to sit round (2)/talking about how we fell (3)/about each other. (4)/No error (5)
70. The act will be passed (1)/with a comfortable majority if all (2)/the partisans of (3)/her group favours it. (4)/No error (5)
71. Hardly had (1)/entered the airport (2)/than I met (3)/my cousin Tilak. (4)/No error (5)
72. An anti-terrorism cell is opened (1)/by the town police (2)/three months ago (3)/as a precautionary measure. (4)/No error (5)
73. The artist who was giving (1)/detailed description of (2)/the sculptures was (3)/speaking fluently French. (4)/No error (5)
74. Martin would attmpt (1)/to open the umber all(2)/when her spectacles slipped off (3)/and fell down. (4)/No error (5)
75. If you had not (1)/reached so quickly, (2)/we might well (3)/have had a disaster (4)/No error (5)

Directions (Q. 76-85) : In each of the questions given below which one the five answer figures should come after the problem figures, if the sequence were continued ?

Problem Figures

Answer Figures



78.

(1) (2) (3) (4) (5)

79.

(1) (2) (3) (4) (5)

80.

(1) (2) (3) (4) (5)

81.

(1) (2) (3) (4) (5)

82.

(1) (2) (3) (4) (5)

83.

(1) (2) (3) (4) (5)

84.

(1) (2) (3) (4) (5)

85.

(1) (2) (3) (4) (5)

Directions (Q. 86-90) : Study the following information carefully and answer the given questions :

A word and number arrangement machine when given an input line of words and numbers rearrange them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input : base 35 or gone 62 49 87 ahead

Step I : 87 base 35 or gone 62 49 ahead

Step II : 87 ahead base 35 or gone 62 49

Step III : 87 ahead 62 base 35 or gone 49

Step IV : 87 ahead 62 base 49 35 or gone

Step V : 87 ahead 62 base 49 gone 35 or

and Step V is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

86. **Input** : how was your stay 56 25 36 64

Which of the following will be step VI ?

(1) 64 how 56 was your stay 25 36

(3) 64 how 56 stay 36 was your 25

(5) None of these

(2) 64 how 56 stay 36 was 25 your

(4) There will be no such step



87. Input : power fail now 52 24 75 gate 34

Which of the following steps will be the last but one ?

- (1) IV (2) V (3) VI (4) VII
 (5) None of these

88. Step III of an input is : 91 car 85 14 27 few new house

Which of the following is definitely the input ?

- (1) 85 14 91 car 27 few new house (2) car 91 85 14 27 few new house
 (3) car 85 14 27 few new house 91 (4) Cannot be determined
 (5) None of these

89. Step II of an input is : 75 down 16 24 farm eager 62 sky

How many more steps will be required to complete the rearrangement ?

- (1) Four (2) Five (3) Six (4) Seven
 (5) None of these

90. Input : 14 35 when they came 61 48 home

How many steps will be required to complete the rearrangement ?

- (1) Four (2) Five (3) Six (4) Seven
 (5) None of these

Directions (Q. 91-95) : In the following number series only one number is wrong. Find out the wrong number.

91. 4 6 18 49 201 1011

- (1) 1011 (2) 201 (3) 18 (4) 49
 (5) None of these

92. 48 72 108 162 243 366

- (1) 72 (2) 108 (3) 162 (4) 243
 (5) None of these

93. 2 54 300 1220 3674 7350

- (1) 3674 (2) 1220 (3) 300 (4) 54
 (5) None of these

94. 8 27 64 125 218 343

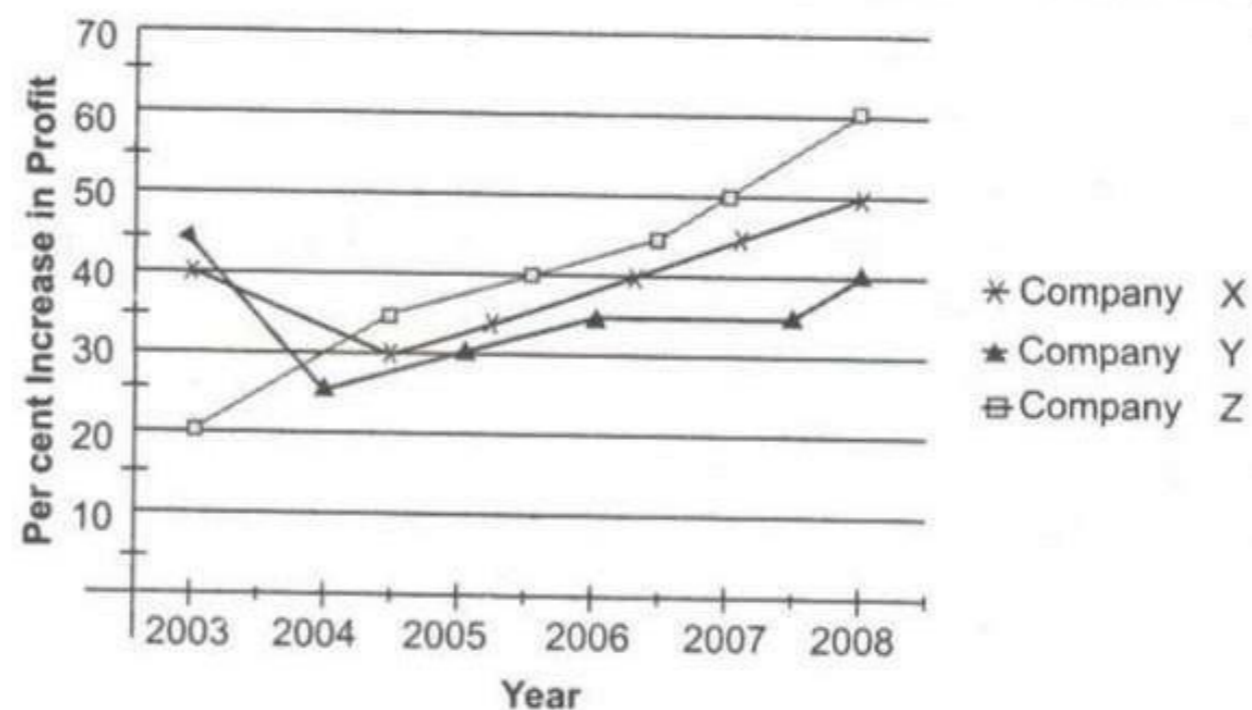
- (1) 27 (2) 218 (3) 125 (4) 343
 (5) None of these

95. 19 68 102 129 145 154

- (1) 154 (2) 129 (3) 145 (4) 102
 (5) None of these

Directions (Q. 96-100) : Study the graph carefully to answer the questions that follow :

Per cent Increase in Profit of Three Companies Over the years





96. What was the per cent increase in profit of company Y in the year 2008 from the previous year ?
(1) 2 (2) 10 (3) 20 (4) 15
(5) None of these
97. What was the **approximate** per cent increase in per cent increase of profit of company Z in the year 2005 from the previous year ?
(1) 14 (2) 21 (3) 8 (4) 26
(5) 19
98. If the profit earned by company X in the year 2004 was Rs 26500, what was its profit in the year 2006 ?
(1) Rs 621560 (2) Rs 468290
(3) Rs 705211 (4) Rs 500850
(5) None of these
99. What is the average per cent increase in profit of company Z over the years ?
(1) $41\frac{5}{6}$ (2) $41\frac{2}{3}$
(3) $28\frac{1}{6}$ (4) $23\frac{1}{3}$
(5) None of these
100. Which of the following statements is **TRUE** with respect to the graph ?
(1) Company X incurred a loss in the year 2004
(2) The amount of profit earned by company Y in the years 2006 and 2007 is the same
(3) Company Z earned the highest profit in the year 2008 as compared to the other years
(4) Profit earned by company X in the year 2004 is lesser than the profit earned by company Z in that year
(5) None of the above

Directions (Q. 101-105) : Below in each question are given two statements (A) and (B). These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choices correctly depicts the relationship between these two statements.

Mark answer (1) If statement (A) is the cause and statement (B) is its effect.

Mark answer (2) If statement (B) is the cause and statement (A) is its effect.

Mark answer (3) If both the statements (A) and (B) are independent causes.

Mark answer (4) If both the statements (A) and (B) are effects of independent causes.

Mark answer (5) If both the statements (A) and (B) are effects of some common cause.

101. (A) Many elderly people are continuously harassed by the youngsters in the locality.
(B) Many children living in the locality play till late in the evening.
102. (A) The state govt has decided to change the syllabus of mathematics for Std IX from the next academic year.
(B) Many students from the state could not secure admission to the colleges of their choice.
103. (A) Majority of the employees of the manufacturing company received a hefty bonus at the end of the current financial year.
(B) The manufacturing company has made considerable profit in the current financial year.
104. (A) The municipal authority decided to carry out repair work of the pipeline under the main arterial road of the city.
(B) Vehicular movement has been diverted through alternate roads for a period of fifteen days.
105. (A) There is a significant drop in the number of people travelling by air during the last quarter.
(B) There is a significant drop in the number of people travelling by long-distance trains during the last quarter.



112. **Statement** : The govt has recently announced an incentive package for setting up new business ventures in the rural areas and promised uninterrupted power supply to all the units.

Assumptions : I. The govt may be able to supply adequate power to all such units.

II. People living in the rural areas may welcome the govt decision.

113. **Statement** : The municipal authority blocked movement of traffic in and around the temple on the main festival day.

Assumptions : I. Very large number of devotees may visit the temple on the main festival day.

II. People travelling to the areas near the temple may postpone their journey by a day unless they have very urgent work in that area.

114. **Statement** : The government has instructed all the private schools in the city to maintain the current fees for at least two more years.

Assumptions : I. The authorities of private schools may not follow the govt instruction as they are not dependent on govt funds.

II. The parents of the students of private schools of the city may still be eager to pay higher fees.

115. **Statement** : The municipal authority has decided to demolish the old bridge on a bus road for constructing a new flyover.

Assumptions : I. The traffic department may be able to divert movement of vehicles through alternate roads.

II. The people travelling in the nearby areas may demonstrate to protest against the authority's

Directions (Q. 116-120) : In each of the following questions, an idiomatic expression and its four possible meanings are given. Find out the correct meaning of idiomatic expression and mark the number of that meaning as your answer in the answer sheets. If you do not find any correct answer, mark (5), ie, 'None of these' as your answer.

116. **runs down**

- (1) squandering away
- (3) incurring
- (5) None of these

- (2) amounts to
- (4) taking chance to meet

117. **stand over**

- (1) vindicate
- (3) enduring
- (5) None of these

- (2) postpone
- (4) support

118. **knocked up**

- (1) get exhausted
- (3) wandered about
- (5) None of these

- (2) die in an accident
- (4) sold at an auction

119. **make over**

- (1) prove
- (3) discover
- (5) None of these

- (2) decipher
- (4) give in charity

120. **work on**

- (1) solve
- (3) excite
- (5) None of these

- (2) influence
- (4) apply force to



Directions (Q. 106-110) : In each question below is given a statement followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing.

Give answer (1) If only course of action I follows.

Give answer (2) If only course of action II follows.

Give answer (3) If either course of action I or II follows.

Give answer (4) If neither course of action I nor II follows.

Give answer (5) If both courses of action I and II follow.

106. Statement : Drinking water supply to many parts of the town has been disrupted due to loss of water because of leakage in pipes supplying water.

Courses of action : I. The government should order an enquiry into the matter.

II. The civic body should set up a fact-finding team to assess the damage and take effective steps.

107. Statement : There is an alarming increase in the number of people suffering from malaria in many parts of the city.

Courses of action : I. The municipal corporation has advised all the govt hospitals to store adequate supply of malaria drugs.

II. The municipal corporation has urged people to use mosquito repellants and keep their premises clean.

108. Statement : Many people have encroached upon govt. property and built their houses and business establishments.

Courses of action : I. The government should take immediate steps to remove all unauthorised constructions on govt land.

II. All the encroachers should immediately be put behind bars and also be slapped with a hefty fine.

109. Statement : The meteorological department has predicted normal rainfall throughout the country during the current monsoon.

Courses of action : I. The govt should reduce the procurement price of foodgrains for the current year.

II. The govt should reduce subsidy on fertilizers for the current year.

110. Statement : The number of dropouts in govt schools has significantly increased in the urban areas over the past few years.

Courses of action : I. The govt should immediately close down all such schools in the urban areas where the dropout goes beyond 20 per cent.

II. The parents of all the students who dropped out of the govt schools in urban areas should be punished.

Directions (Q. 111-115) : In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give answer (1) If only Assumption I is implicit.

Give answer (2) If only Assumption II is implicit.

Give answer (3) If either Assumption I or II is implicit.

Give answer (4) If neither Assumption I nor II is implicit.

Give answer (5) If both Assumptions I and II are implicit.

111. Statement : Many people fell ill after consuming meal at a wedding reception and were rushed to the nearby govt and private hospitals.

Assumptions : I. The relatives of the affected people may refuse to take them to the govt hospitals.

II. The nearby hospitals may be able to attend to all the affected people.



Directions (Q. 121-125) : Study the table carefully to answer the questions the follow :

Number of Students (in Lakh) Studying in Various Standards in Different States

Standard/State	V	VI	VII	VIII	IX	X
P	2.5	2.8	4.3	2.9	4.1	4.3
Q	3.2	2.9	4.1	3.0	3.6	2.7
R	2.3	3.2	3.8	3.5	2.9	3.7
S	4.8	2.4	3.6	3.4	3.4	4.3
T	3.1	3.9	4.7	4.0	3.4	4.0
U	3.3	4.2	2.7	4.1	3.6	3.8

121. Which standard has the highest total number of students from all the states together ?
 (1) VII (2) VIII (3) X (4) IX
 (5) None of these
122. What is the total number of students studying in standard VII from State R and Standard VIII from State S ?
 (1) 7200000 (2) 680000 (3) 72000 (4) 6800000
 (5) None of these
123. What is the respective ratio of number of students studying in Standard VI of State P to those studying in standard X of State U ?
 (1) $\frac{7}{8}$ (2) $\frac{14}{19}$ (3) $\frac{6}{7}$ (4) $\frac{12}{13}$
 (5) None of these
124. Number of students studying in Standard IX of State T form what per cent of total number of students from that State ? (rounded off two digits after decimal)
 (1) 16.84 (2) 12.95 (3) 14.72 (4) 15.34
 (5) None of these
125. What is the average number of students studying in Standard V from all states together ?
 (1) 1800000 (2) 3200000 (3) 180000 (4) 320000
 (5) None of these

Directions (Q. 126-130) : What should come in place of the question mark (?) in the following questions ?

126. $21^7 \times 21^{65} = 21^{12.4}$
 (1) 18.9 (2) 4.4 (3) 6.9 (4) 16.4
 (5) None of these
127. $12.25 \times ? \times 21.6 = 3545.64$
 (1) 14.8 (2) 12.6 (3) 15.8 (4) 13.4
 (5) None of these
128. $15.5\% \text{ of } 646 + 24.5\% \text{ of } 298 = ?$
 (1) 184.22 (2) 173.14 (3) 168.26 (4) 137.41
 (5) None of these
129. $2\frac{1}{3} + 1\frac{1}{5} + 2\frac{1}{4} = ?$
 (1) $8\frac{23}{60}$ (2) $4\frac{53}{60}$ (3) $5\frac{47}{60}$ (4) $6\frac{37}{60}$
 (5) None of these
130. $\sqrt[3]{4096} = ?$
 (1) 16 (2) 26 (3) 18 (4) 24
 (5) None of these



Directions (Q. 131-140) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested one of which fits the blank appropriately. Find out the appropriate word in each case.

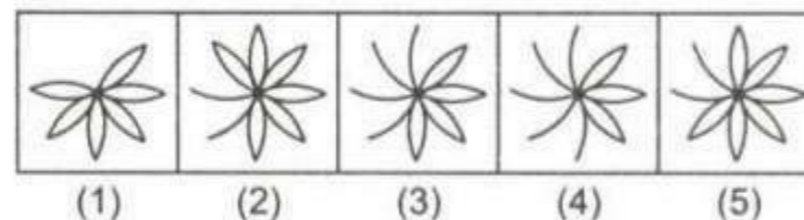
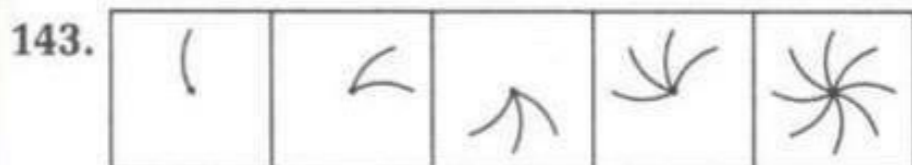
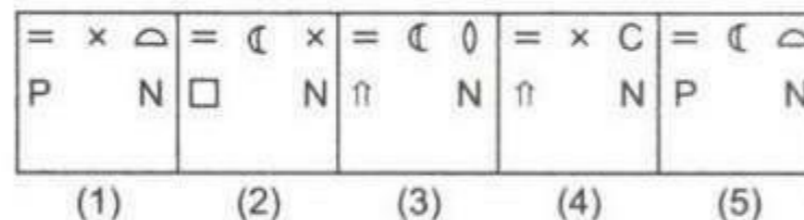
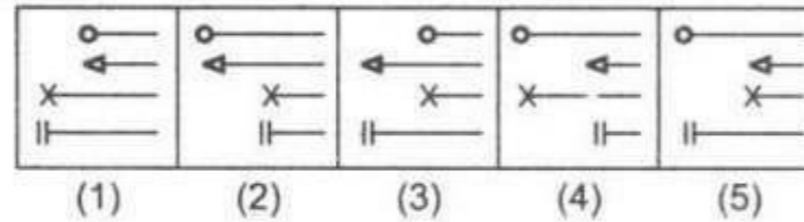
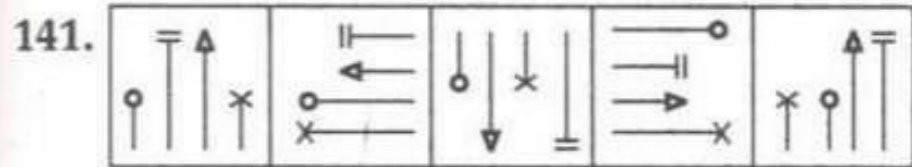
It is a pity that we do not have good books on insurance written by Indian authors (131) to the steady growth of literature on the subject in other countries especially, the U.S.A. whose insurance laws and (132) are very much similar to those of our country. And students studying in our colleges and the millions of insurance employees appearing for various insurance examinations have to depend (133) on books written by foreign authors. As these books mainly deal with the problems of insurance industry of foreign countries the (134) of the insurance scene in India and the various legal (135) and insurance procedures remains very weak. To (136) the insurance employees and the college students who have opted for (137) courses in insurance with different aspects of theory and practice of insurance we should have good and (138) text books. The book under review written by V.M.R. Nair himself an experienced and (139) expert on insurance law based on leading Indian cases will be found very useful by students of insurance sector as a (140) guide to the principles of insurance.

- 131. (1) paving (2) corresponding (3) following (4) emphasize
(5) correcting
- 132. (1) process (2) product (3) notes (4) currency
(5) procedures
- 133. (1) slightly (2) upon (3) still (4) at
(5) until
- 134. (1) prove (2) search (3) application (4) understanding
(5) acknowledge
- 135. (1) law (2) aspects (3) experts (4) books
(5) loop
- 136. (1) equip (2) arm (3) decorate (4) promote
(5) load
- 137. (1) optional (2) expensive (3) tough (4) deep
(5) specialized
- 138. (1) authentic (2) valuminous (3) many (4) prompt
(5) shining
- 139. (1) consulting (2) qualified (3) rich (4) merchant
(5) tired
- 140. (1) learned (2) powerful (3) ready (4) comprehensive
(5) prescribed

Directions (Q. 141-145): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued ?

Problem Figures

Answer Figures



144.

(1) (2) (3) (4) (5)

145.

(1) (2) (3) (4) (5)

Directions (Q. 146-150): In each of the following questions, a related pair of figures (unnumbered) is followed by five numbered pairs of figures. Out of these five, four have relationship similar to that in the unnumbered pair. Only one pair of figures does not have similar relationship. Select that pair of figures which does not have a relationship similar to that in the unnumbered pair. The number of that pair is your answer. Study the following question.

Problem Figures

Answer Figures

(1) (2) (3) (4) (5)

In this question, element II of the unnumbered pair of figures is related to element I in a certain way. Element II has one side more than element I. The numbered figures 1, 2, 3, and 5 have a similar relationship, i.e., element II of each figure has one side more than element I. However, the elements in figure No. 4 do not have such a relationship. Therefore, 4 is the answer. Now solve the following questions.

Problem Figures

Answer Figures

146.

(1) (2) (3) (4) (5)

147.

(1) (2) (3) (4) (5)

148.

(1) (2) (3) (4) (5)

149.

(1) (2) (3) (4) (5)

150.

(1) (2) (3) (4) (5)



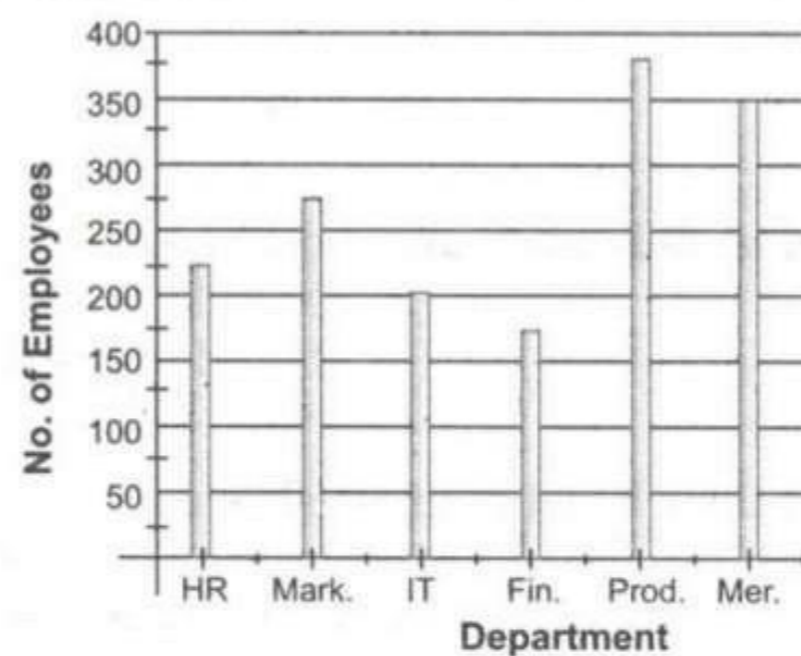
Directions (Q. 151-155) : Study the following information carefully to answer these questions.

Eight friends A, B, C, D, E, F, G and H are sitting around a circle facing the center, B is third to the right of A who is third to the right of C. F is second to the right of E who is not an immediate neighbour of B. D sits second to the left of H who sits second to the left of G.

151. Who sits second of the left of A ?
 (1) G (2) D (3) H (4) E
 (5) None of these
152. Who sits to the immediate left of B ?
 (1) G (2) F (3) D (4) H
 (5) None of these
153. What is the position of H with respect to F ?
 (1) To the immediate right (2) Third to the left
 (3) Second to the left (4) Second to the right
 (5) Third to the right
154. Four of the following five are alike in a certain way based on their positions in the given arrangement and so form a group. Which is the one that does not belong to the group ?
 (1) AD (2) HG (3) EF (4) BF
 (5) CE
155. Which of the following pairs has the first person sitting to the immediate right of the second person ?
 (1) BH (2) DF (3) CF (4) EA
 (5) None of these

Directions (Q. 156-160): Study the graph carefully to answer the questions that follow :

Number of the Employees Working in Different Departments of an Organization and the Ratio of Males to Females



Department	Males	Females
HR	9	16
Marketing	3	2
IT	9	31
Finance	2	3
Production	11	4
Merchandising	4	3

Mark.-Marketing; Fin.-Finance; Prod.-Production; Mer.-Merchandising

156. What is the total number of males working in all departments together ?
 (1) 755 (2) 925 (3) 836 (4) 784
 (5) None of these

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157. What is the number of females working in the HR department ?
(1) 158 (2) 128 (3) 136 (4) 144
(5) None of these
158. What is the respective ratio of total number of employees working in the production department to those working in the Merchandising department ?
(1) 15 : 14 (2) 8 : 7 (3) 14 : 15 (4) 7 : 8
(5) None of these
159. In which department are the lowest number of females working ?
(1) Marketing (2) Production (3) HR (4) Finance
(5) None of these
160. What is the total number of employees from all departments together in the organization ?
(1) 1500 (2) 1575 (3) 1525 (4) 1625
(5) None of these

Directions (Q. 161-170) : Which of the phrases (1), (2), (3) and (4) given below each sentence should replace the phrase printed in **bold** type to make the sentence grammatically correct. If the sentence is correct as it is, then mark (5) 'No correction required' as the answer.

161. She had created problems even when she was on training while **she was still waiting** to take full charge of her duties.
(1) she has been waiting (2) she had been still
(3) she would have still (4) she has still to wait
(5) No correction required
162. The director insisted on his order being carried out **with the letter**.
(1) for the latter (2) to the letter (3) by the letter (4) into the letter
(5) No correction required
163. He admired the speed with which Koti completed the work and **appreciating the method adopted** by him.
(1) appreciate the method being adopted (2) appreciated the method adopted
(3) appreciate the method of adoption (4) appreciate the adopting method
(5) No correction required
164. Unless I get some break, **I should not be able** to do any more work.
(1) shall not be able (2) should be unable
(3) shall not be unable (4) should not be unable
(5) No correction required
165. Some people have a habit of **wearing their heart on their sleeves**.
(1) bearing their heart on their sleeves (2) wearing heart on their sleeves
(3) wearing their heart on sleeves (4) bearing their heart on their sleeve
(5) No correction required
166. Your plea that you **were thorough ignorant** of the consequences cannot be accepted.
(1) had through ignorance (2) were thoroughly ignorance
(3) had thoroughly ignorant (4) were thoroughly ignorant
(5) No correction required
167. I had met him after the party **where he had been** given an inspiring speech.
(1) when he had (2) where he would have
(3) in which he was given (4) where he had
(5) No correction required
168. Because of scientific progress we **expect to live better than our parents have**.
(1) should expect to live better than our parent
(2) expect to live as good as our parents live



- (3) expect to live better than our parents did
- (4) expected to live better than our parents
- (5) No correction required

169. I cannot **put up with** that nasty fellow.

- (1) put up
- (2) put at
- (3) put on with
- (4) put up in
- (5) No correction required

170. It is useless to run away from every danger, **risks must not be taken.**

- (1) no risks must be
- (2) any risk must be
- (3) although risks must be
- (4) some risks must be
- (5) No correction required

171. A 'Square' is related to 'Cube' in the same way as a 'Circle' is related to

- (1) Sphere
- (2) Circumference
- (3) Diameter
- (4) Area
- (5) None of these

172. What should come next in the following number series ? 1 3 1 3 2 1 3 4 1 3 6 1 3

- (1) 4
- (2) 6
- (3) 8
- (4) 3
- (5) None of these

173. If each consonant in the word EXPLORATION is replaced by the previous alphabet and each vowel is replaced by the alphabet following it in the English alphabetic series and then the order of the alphabets thus formed is reversed, which of the following will be the seventh from the right ?

- (1) P
- (2) Q
- (3) B
- (4) K
- (5) None of these

174. Ashok starts from point P and walks 5 km to the East. Bharat starts from the same point and walks 5 km to the West. Now, Ashok takes a left turn and Bharat takes a right turn and both walks 5 km and stop. How far are the two from each other at the point where they finally stop ?

- (1) 10 km
- (2) 15 km
- (3) 5 km
- (4) Cannot be determined
- (5) None to these

175. Snehal correctly remembers that Kiran's birthday was after Tuesday but before Friday. Rajan correctly remembers that Kiran's birthday was after Wednesday but before Sunday, on which day of the week does Kiran's birthday definitely fall ?

- (1) Monday
- (2) Thursday
- (3) Saturday
- (4) Cannot be determined
- (5) None to these

Directions (Q. 176-180) : What **approximate** value should come in place of the question mark (?) in the following questions ?

You are not expected to calculate the exact value.

176. $\sqrt[3]{1500} = ?$

- (1) 11
- (2) 6
- (3) 15
- (4) 19
- (5) 4

177. $1\frac{3}{5} \times 2\frac{1}{7} \times 7\frac{1}{3} = ?$

- (1) 17
- (2) 13
- (3) 9
- (4) 29
- (5) 25

178. $18.999 \times 12.005 \times 25.998 = ?$

- (1) 4860
- (2) 6470
- (3) 3320
- (4) 5930
- (5) 4590

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179. 11.5% of $666 \times 18.3\%$ of $888 = ?$
(1) 15608 (2) 12446 (3) 10520 (4) 18338
(5) 11542
180. $2898 \div 22 \div 2 = ?$
(1) 278 (2) 52 (3) 66 (4) 43
(5) 263
181. In how many different ways can the letters of the word INCREASE be arranged ?
(1) 40320 (2) 10080 (3) 64 (4) 20160
(5) None of these
182. What would be the compound interest accrued on an amount of Rs 8400 at the rate of 12.5 per cent per annum at the end of 3 years ? (rounded off to two digits after decimal)
(1) Rs 4205.62 (2) Rs 2584.16 (3) Rs 3560.16 (4) Rs 3820.14
(5) None of these
183. What is the area of a circle whose circumference is 1047.2 m ?
(1) 87231.76 sq m (2) 85142.28 sq m
(3) 79943.82 sq m (4) 78621.47 sq m
(5) 69843.23 sq m
184. The ratio of the ages of a father and son is 17 : 7 respectively. 6 years ago the ratio of their ages was 3 : 1 respectively. What is the father's present age ?
(1) 64 (2) 51
(3) 48 (4) Cannot be determined
(5) None of these
185. Karan starts a business by investing Rs 6000 six months later shirish joins him by investing Rs 100000. At the end of one year from commencement of the business, they earn a profit of Rs 151800. What is the Shirish's share in the profit ?
(1) Rs 55200 (2) Rs 82800 (3) Rs 62500 (4) Rs 96600
(5) None of these
186. If the letters in the word AMONGST are arranged in the English alphabetical order, the position of how many letters will remain unchanged ?
(1) None (2) One (3) Three (4) Four
(5) More than four
187. How many meaningful English words can be formed with the letters ACRS using each letter only once in each word ?
(1) None (2) One (3) Two (4) Three
(5) More than three
188. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) Diabetes (2) Smallpox (3) Conjunctivitis (4) Chickenpox
(5) Plague
189. How many such pairs of letters are there in the word, UNWANTED, each of which has as many letters between its two letters as there are between them in the English alphabets ?
(1) None (2) One (3) Two (4) Three
(5) More than three
190. In a certain code WEAK is written as 5%9\$ and WHEN is written as 5★%7. How HANK written in that code ?
(1) ★9\$7 (2) 9★\$7 (3) \$97★ (4) 9★7\$
(5) None of these



Directions (Q. 191-195) : In each question below, a sentence with four words 'printed in **bold** type is given. These are numbered as (1), (2), (3) and (4). One of these four words may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word that is wrongly spelt or inappropriate, if any the number of that word is your answer. If all four the words are correctly spelt and also appropriate in the context of the sentence mark (5) ie, 'All Correct' as your answer.

191. After **severel** (1)/rounds of **discussions** (2)/the manager **accented** (3)/to our **proposal**. (4)/All correct (5).
192. The **indafatigable** (1)/zeal and **fearlessness** (2)/with which the youth worked **rejoiced** (3)/me beyond **measure**. (4)/All correct (5).
193. He **sliped** (1)/away in the **night** (2)/and **reached** (3)/there in the **morning**. (4)/All correct (5).
194. He let the **laugher** (1)/wash away (2)/the **tension** (3)/and then **held** (4)/up her hand. All correct (5).
195. The author also **advocated** (1)/fresh **vegetable** (2)/and **fruits** (3)/as **vegetable** (4)/diet of aged peoples. All correct (5).

Directions (Q. 196-200) : Study the information carefully to answer the questions that follow :

In a school consisting of 2800 children, the ratio of girls to boys is 4 : 3 respectively. All the children have taken different hobby classes viz. Singing, Dancing, Painting and Cooking. 20 per cent of the boys take Painting classes. The number of girls taking dancing classes is five-fourth of the number of boys taking the same. One-fourth of the girls take cooking classes. The total number of students taking cooking classes is 700. Two fifth of the boys take singing classes and the remaining boys take dancing classes. The girls taking singing classes is twice the number of boys taking the same. The remaining girls take painting classes.

196. What is the respective ratio of boys taking painting classes to the boys taking singing classes ?
 (1) 4 : 3 (2) 2 : 1 (3) 6 : 5 (4) 3 : 4
 (5) None of these
197. The number of girls taking cooking classes is what per cent of the total number of children in the school ? (rounded off to the nearest integer)
 (1) 14 (2) 20 (3) 6 (4) 26
 (5) None of these
198. The number of boys taking cooking classes is what per cent of the total number of children in the school ? (rounded off to two digits after decimal)
 (1) 9.68 (2) 12.61 (3) 10.71 (4) 8.43
 (5) None of these
199. What is the total number of children taking dancing classes ?
 (1) 325 (2) 445 (3) 390 (4) 405
 (5) None of these
200. What is the number of girls taking painting classes ?
 (1) 116 (2) 15 (3) 125 (4) 28
 (5) None of these

Answers

1	(4)	41	(2)	81	(5)	121	(1)	161	(5)
2	(2)	42	(3)	82	(2)	122	(5)	162	(2)
3	(4)	43	(5)	83	(2)	123	(2)	163	(2)
4	(2)	44	(2)	84	(3)	124	(3)	164	(1)
5	(1)	45	(3)	85	(4)	125	(4)	165	(1)
6	(2)	46	(3)	86	(4)	126	(5)	166	(4)
7	(1)	47	(2)	87	(3)	127	(4)	167	(4)
8	(3)	48	(4)	88	(4)	128	(2)	168	(3)
9	(5)	49	(1)	89	(1)	129	(3)	169	(5)
10	(2)	50	(5)	90	(3)	130	(1)	170	(4)
11	(3)	51	(4)	91	(3)	131	(2)	171	(1)
12	(1)	52	(2)	92	(5)	132	(5)	172	(3)
13	(4)	53	(1)	93	(1)	133	(5)	173	(3)
14	(3)	54	(3)	94	(2)	134	(4)	174	(1)
15	(2)	55	(5)	95	(4)	135	(2)	175	(2)
16	(1)	56	(3)	96	(5)	136	(1)	176	(1)
17	(3)	57	(1)	97	(1)	137	(5)	177	(5)
18	(5)	58	(3)	98	(4)	138	(1)	178	(4)
19	(2)	59	(4)	99	(2)	139	(1)	179	(2)
20	(3)	60	(5)	100	(3)	140	(4)	180	(3)
21	(1)	61	(3)	101	(4)	141	(4)	181	(4)
22	(5)	62	(2)	102	(3)	142	(5)	182	(3)
23	(3)	63	(4)	103	(2)	143	(3)	183	(1)
24	(4)	64	(5)	104	(1)	144	(3)	184	(2)
25	(2)	65	(1)	105	(5)	145	(2)	185	(5)
26	(3)	66	(3)	106	(2)	146	(1)	186	(3)
27	(5)	67	(3)	107	(5)	147	(2)	187	(3)
28	(1)	68	(3)	108	(1)	148	(5)	188	(1)
29	(5)	69	(1)	109	(4)	149	(4)	189	(4)
30	(4)	70	(4)	110	(4)	150	(3)	190	(5)
31	(2)	71	(3)	111	(2)	151	(1)	191	(1)
32	(5)	72	(1)	112	(5)	152	(3)	192	(1)
33	(4)	73	(1)	113	(5)	153	(5)	193	(1)
34	(1)	74	(1)	114	(4)	154	(4)	194	(1)
35	(3)	75	(5)	115	(1)	155	(2)	195	(4)
36	(2)	76	(3)	116	(5)	156	(3)	196	(5)
37	(1)	77	(3)	117	(5)	157	(4)	197	(1)

38	(1)	78	(3)	118	(3)	158	(1)	198	(3)
39	(4)	79	(4)	119	(4)	159	(2)	199	(4)
40	(2)	80	(2)	120	(1)	160	(5)	200	(2)



