

CETking Challenge – Can you solve all these questions without pen?

1. Pointing to a woman, Suresh said, 'she is the daughter of my grandfather's only daughter. How is Suresh related to the woman?
A. Brother B. Cousin
C. Uncle D. Cannot be determined
E. None of these

2. 'Visual' is related to 'Light' in the same way as 'Audio' is related to ;
A. Voice B. Sound
C. Drama D. Noise
E. None of these

3. In a class of 40 children, Sunetra's rank is eighth from the top. Sujit is five ranks below Sunetra. What is Sujit's rank from the bottom?
A. 27 B. 29
C. 28 D. 26
E. None of these

4. How many such numerals are there in the number 2576489, which will remain at the same position when arranged in ascending order from left to right?
A. One B. Two
C. Three D. None
E. More than three

5. In a certain code 'DESCRIBE' is written as 'FCJSDFE'. How will 'CONSIDER' be written in that code?
A. SFEJTOPD B. SEFJTOPD
C. QFETJOPD D. QEFJTOPD
E. 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?
A. Shampoo B. Talcum Powder
C. Hair Oil D. Cosmetics
E. Soap

7. 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?
A. Jasmine B. Rose
C. Dahlia D. Marigold
E. Lotus

8. 'Jackal' is related to 'Carnivorous' in the same way as 'Goat' is related to
A. Omnivorous B. Carnivorous
C. Herbivorous D. Multivorous
E. None of these

9. Iron is related to 'Metal' in the same way as 'Brass' is related to
A. Iron B. Alloy
C. Copper D. Zinc
E. None of these

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10. In a row of children, Neeta is fifteenth from the left end of the row. If she is shifted towards the right end of the row by four places, she becomes eighth from the right end. How many children are there in the row?

- A. 27 B. 26
C. 28 D. 24
E. None of these

11. 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?

- A. Van B. Truck
C. Cargo D. Trolley
E. Tempo

12. 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?

- A. Coriander B. Mustard
C. Cumin D. Clove
E. Cardamom

13. Seed is related to 'Eruit' in the same way as 'Fruit' is related to

- A. Tree B. Branch
C. Flower D. Petal
E. None of these

14. 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 the _ group?

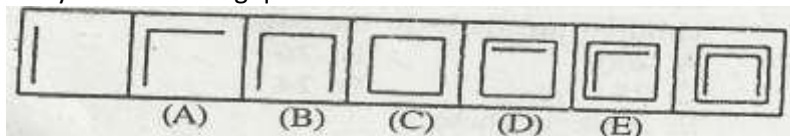
- A. 71 B. 73
C. 67 D. 61
E. 77

15. How many meaningful English words can be formed from the word NOTE beginning with 'T' and without repeating any letter within that word?

- A. Three B. One
C. Two D. None
E. None of these

Directions (Qs, 16 to 20): In each of the following questions series begins with unnumbered figure on the extreme left. One and only one of the five numbered figures in the series does not fit into the series. The two unnumbered figures one each of the extreme left and the extreme right fit into the series. You have to take as many aspects into account as possible of the figures in the series and find out the one and only one of the five numbered figures which does not fit into the series. The number of that figure is the answer.

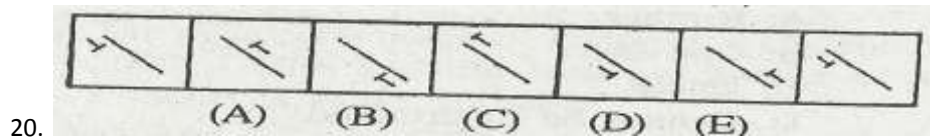
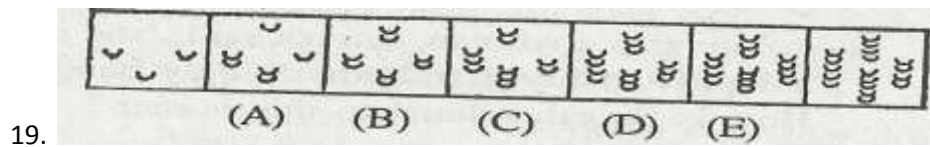
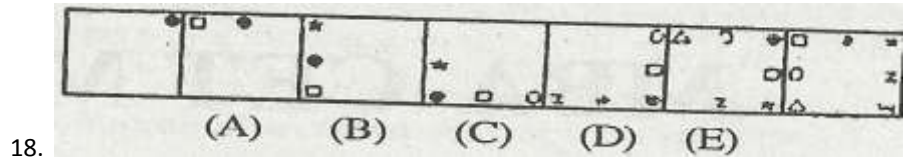
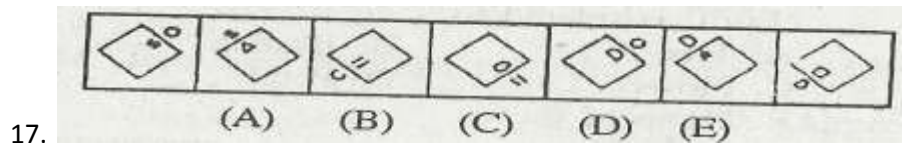
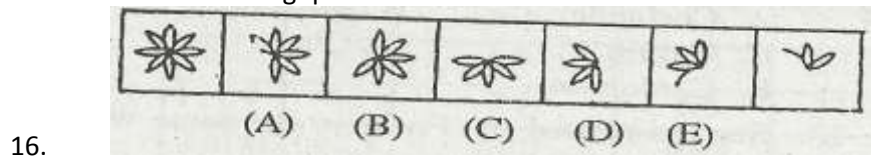
Study - the following question.



In this question the number of lines in the figures goes on increasing by one from left to right. If we go by this aspect of 'number of lines' only then there is not wrong figure in the series. But if we also consider the 'manner' in which the 'number of lines' in the figures goes on increasing from left to

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right we come to know that the figure No. 4 does NOT fit into the series. Therefore, 4 is the answer. Now solve the following questions.



Directios (Qs, 21 to 25): What approximate value should come in place of question mark (?) in the following questions? (You are not expected to - calculate the exact value)

- 21. $9938 + 92 + 0 = ?$
A.12 B.21
C. 7 D. 19
E. 5
- 22. $11.593 \times 31.118 \times 24.924 = ?$
A 7783 B. 9899
C. 6781 D. 10987
E. 8991
- 23. $(? \% \text{ of } 44.444) \times (21 \% \text{ of } 66.666) = 136.89$
A.11 B. 22
C. 33 D. 44
E. 55
- 24. $\sqrt[3]{750000} = ?$
A III B. 101
C. 91 D. 81
E. 71
- 25. $2 \frac{3}{5} + 8 \frac{1}{3} + 3 \frac{7}{8} = ?$
A.10 B.23
C.37 D.15
E.60

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Directions (Qs, 26 to 30): For each statement there are four different sentences given below it. Pick out the one that most appropriately conveys the meaning of the statement. The number of that sentence is the answer. If none of them conveys the meaning of the statement, the answer is (5) i.e. 'None'.

26. Unlike the tribals who are hardworking, the urbanites can not withstand physical strain. The tribals do not like to withstand physical strain as the urbanites do

- B. The urbanites are hardworking but they do not like to undertake physical strain
- C. The tribals can withstand physical strain whereas urbanites cannot
- D. Because the tribals are hardworking they can tolerate physical strain
- E. None

27. Should you need a Permanent Account Number (PAN) Card, you must submit an application along with a copy of your ration card

- A. Unless you do not submit an application along with a copy of your ration card you will not get a PAN Card
- B. You should require a PAN Card if you want to submit an application along with a copy of your ration card
- C. If you submit your application along with your ration card you do not need a PAN Card.
- D. If you submit an application along with your ration card you will get only a PAN Card
- E. None

28. Despite any kind of hurdles, I shall come.

- A. I shall come if there are different kinds of hurdles
- B. I shall not be able to come if there are different kinds of hurdles
- C. Even though I come, there could be different kinds of hurdles
- D. Whether or not there are any kind of hurdles, I shall come
- E. None

29. The Manager would like you to help him locate the conspicuous error

- A. If you help him locate the conspicuous error, the Manager would like you
- B. The Manager desires that you should provide him the necessary assistance to locate the conspicuous error
- C. The Manager feels that if you do not help him, the conspicuous error will not be located
- D. The Manager expects that the conspicuous error should be located only with your help
- E. None

30. The speaker remarked that not all the politicians were really unkind

- A. The speaker remarked that some of the politicians were kind while others were not
- B. The speaker remarked that all the politicians were not kind
- C. The speaker remarked that all those who are not politicians cannot be necessarily kind
- D. The speaker remarked that all those who are politicians may hardly include really a group of kind people
- E. None

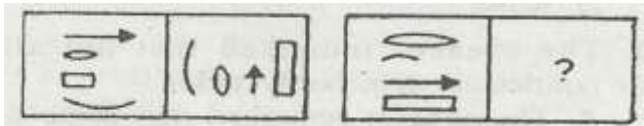
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Directions (Qs, 31 to 35): What' should come in place of question mark (?) in the following number series?

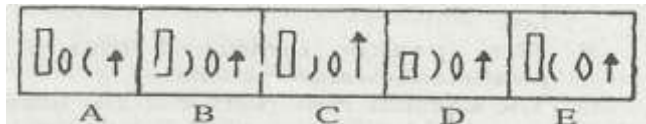
31. 405 135 54 27 18 18 ?
A.30 B.48
C.42 D.24
E.36.
32. 2 11 27 52 88 137 ?
A.209 B.207
C.205 D.203
E.201
33. 3 14 47 146 443 1334 ?
A.3007 B.3507
C.3705 D.4007
E.4704
34. 64 512 1728 4096 8000 13824 ?
A.15625 B.21952
C.19683 D.17576
E.12167
35. 18 32 58 108 206 400 ?
A.786 B.784
C.782 D.780
E.778

Directions (Qs, 36 to 45): The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit the question mark.

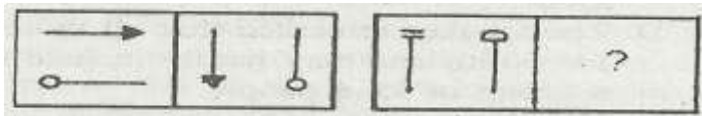
36. PROBLEM FIGURES



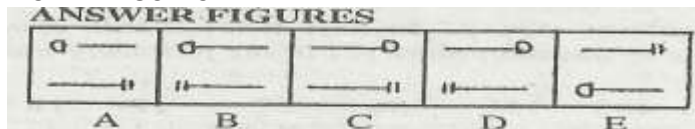
ANSWER FIGURES



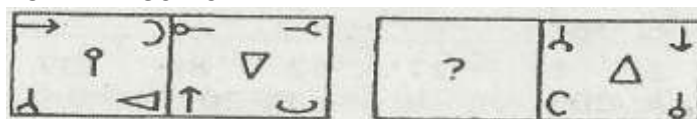
37. PROBLEM FIGURES



ANSWER FIGURES

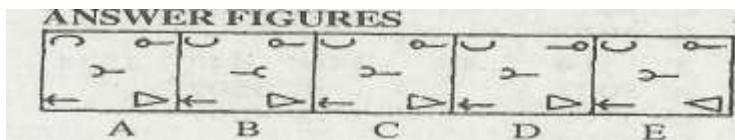


38. PROBLEM FIGURES



ANSWER FIGURE

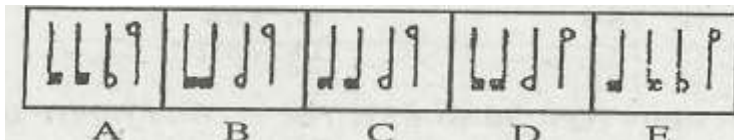
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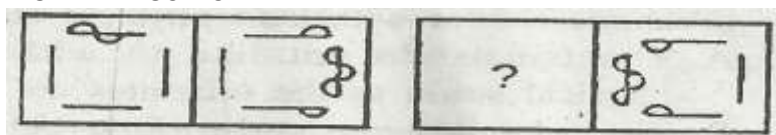
39. PROBLEM FIGURES



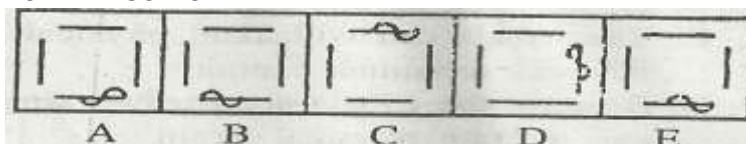
ANSWER FIGURES



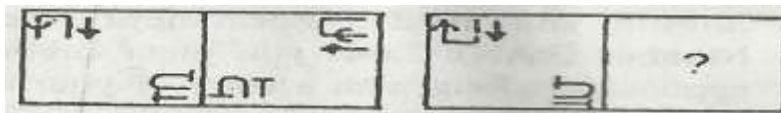
40. PROBLEM FIGURES



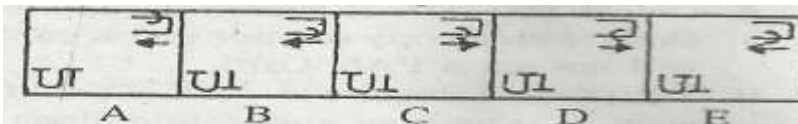
ANSWER FIGURES



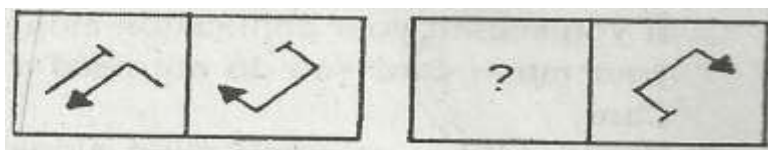
41. PROBLEM FIGURES



ANSWER FIGURES



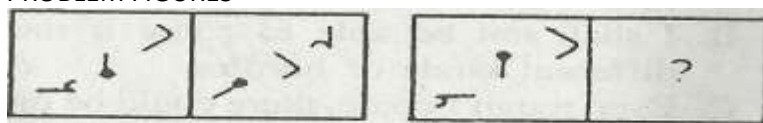
42. PROBLEM FIGURES



ANSWER FIGURES



43. PROBLEM FIGURES

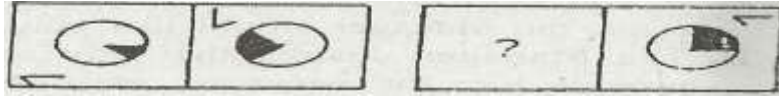


ANSWER FIGURES

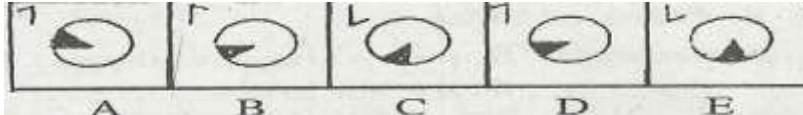
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44. PROBLEM FIGURES



ANSWER FIGURES



45. PROBLEM FIGURES



ANSWER FIGURES



Directions (Qs. 46•50): Given below are six sentences (A), (B), (C), (D), (E) and (F). Rearrange these six sentences in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) But the process does not stop here.
- (B) In particular by the effects of that small part of society which is our family.
- (C) As we grow we are constantly and increasingly affected by new forces such as social pressure of our friends and larger world of society.
- (D) The family and our early 'life have profound effect on our later life.
- (E) Psychologists have studied these forces in depth.
- (F) Much of our adult behaviour and our attitude are determined and influenced by our upbringing.

46. Which of the following should be the FOURTH sentence after rearrangement?

- A A B
- C C D
- E E

47. Which of the following will be the SIXTH (LAST) sentence after rearrangement?

- A A B
- C C D; D
- E E

48. Which of the following should be the FIFTH sentence after rearrangement?

- A F B E
- C D D C
- E B

49. Which of the following should be the THIRD sentence after rearrangement?

- A F B E
- C D D C
- E B

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50. Which of the following should be the SECOND sentence after rearrangement?
 A B B. C
 C. D D. E
 E. F

Directions (Qs, 51 to 55): What should come in place of question mark (?) in the following I questions?

51. $\left[\left\{\left(16\right)^{\frac{1}{2}}\right\}^3\right]? = 512$
 A2 B.1.5
 C. 2.5 D. 3
 E. None of these
52. $\text{sq.root of } 9801 \times \text{sq.root of } 9900.25 = ?$
 A 9604.5 B. 9702
 C. 9850.5 D. 9950
 E. None of these
53. $20.6\% \text{ of } 598 + 11.5\% \text{ of } 902 = ?$
 A 224.918 B. 230.918
 C. 228.918 D. 226.918
 E. None of these
54. $11628 + ? + 4 + 3 = 51$
 A '13 B. 15
 C. 17 D. 19
 E. None of these
55. $(63.3)^2 + (74.5)^2 = ?$
 A 9557.14 B. 9775.12
 C. 9575.16 D. 9757.18
 E. None of these

Directions (Qs. 56 to 60): In each of the questions below are given four statements followed by four conclusions numbered 1, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from 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

56. Statements: Some computers are laptops. Some laptops are notebooks.
 All notebooks are papers. All papers are phones.'

Conclusions:

- I. Some laptops are papers.
 II. Some Phones are notebooks
 III, Some computers are notebooks
 IV. No computer is notebook

- A. None follows
 B. Only I & II follow
 C. Either III or IV follows
 D. I, II and either III or IV follow
 E. None of these

57. Statements: Some keys are locks. All locks are boards.
 Some boards are cards. All cards are papers.

Conclusions:

- I. Some boards, are papers.
 II. Some boards are keys.

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III. Some papers are cards.

IV. Some boards are locks

A. None follows

B.Only I & II follow

C.Only II & 'III follow

D.Only I, II & III follow

E.All follow

58. Statements: All socks are shoes. Some shoes are wallets.
Some wallets are bags, No bag is purse.

Conclusions:

I. Some bags are socks.

II. Some wallets are socks.

III. No wallet is purse

IV.Some purses are wallets.

A. Either I or II follows

B.Either III or IV follows

C.Only II & III follow

D.Only III and IV follow

E.None of these

59. Statements: Some walls are doors. Some doors are grills.
No grill is window. Some windows are roofs.

Conclusions:

I. No roof is grill.

II. No window is door.

III, Some window are walls.

IV. Some roofs are walls.

A.None follows

B.Only I & II follow

C.Either I or IV follows

D.Either II or III follows

E.All follow

60.Statements: All letters are words. Some words are poems.
All poems are plants. Some plants are flowers.

Conclusion

I. Some plants are words.

II. Some plants are letters.

III, Some flowers are poems.

IV. No flower is word

A. None follows

B.Either III or IV follows

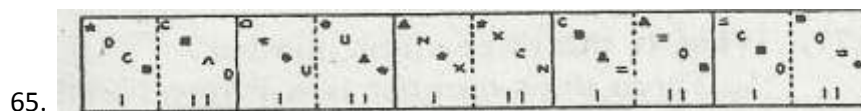
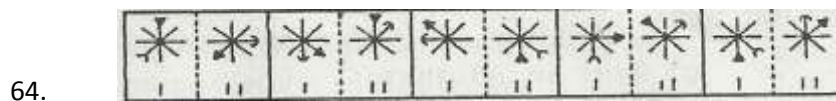
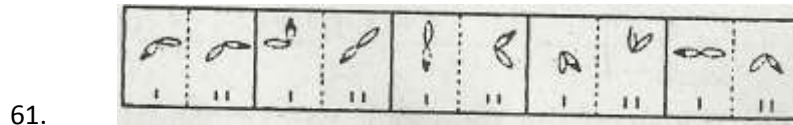
C.Only I follows

D.Only I & II follow.

E.All follow

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Directions (Qs. 61 to 65): In each of the following 'questions in four out of five figures, element I is related to element II in the same particular way. Find out the figure in which the element I is not so related to element II ..



Directions (Qs, 66 to 70): In each question below an incomplete sentence is given. Below this set of incomplete sentences, there are parts denoted by (a), (b), (c) (h), (i) & (j). Either none or one/two or maximum three of them can complete the sentence meaningfully. Pick out the correct choice in each case.

66. As we introduce new risk management systems, perfectly on ethical grounds.
67. With the generalized opening of trade and .capital movement across the world over the past decade and a half.
68. The notion that individual economic agents are ill-equipped to be exposed to exchange rate, interest rates and price risks.
69. The distinguishing feature of the new paradigm is that it does not mean that every risk.
70. Profound changes' have taken place in the economic and financial landscape in India over the past two decades or so
- it is important for us to keep in mind the objective conditions that exist in India
 - is no longer regarded as tenable.
 - marked by wide ranging reforms in both the real and financial sectors.
 - management products in India must be world class.
 - we must not try to find out any escape to routes to avoid risks.
 - prominently maintaining status quo' of the conditions.
 - risk management has become all pervasive across the whole financial sector.
 - cannot be well defended any longer, against criticism.
 - should be eliminated by way of insurance-like products that have been known to mankind for a long time.
 - there is a striking need to ensure free trade and movement of capital across the world.

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Answer Choices for Questions:

66. A. Only (a) . B. Only (e)
C. Either (a) or (e) D. Only (b)
E. None
67. A Only (f) B. Only (g)
C. Either (f) or (g) D. Only (j)
E. None
68. A Only (b) B. Only (h)
C. Only (g) D. Either (b) or (h)
E. None
69. A Only (a) B. Only (g)
C. Only (c) D. Either (i) or (c)
E. None
70. A .None B. Only (f)
C. Only (b) D. Either (f) or (b)
E. Only (c)

Directions (Qs, 71 to 73): In each of these questions a group of letters is given followed by four combinations of digits and symbols numbered (A), (B), (C) & (D). Letters are to be coded by digit symbol as per the scheme and conditions given below. Serial number of the combination of digit symbol that represents the group of letters is your answer. If none of the combinations is correct your answer is (E) i.e. 'None of these'.

Letters : L F J T A H I M R E K D U B P

Digit 3 7 # \$ 4 9 1 8 2 @ 6 % © * 5

Symbol

code

Conditions:

- (i) If the first letter is a consonant and the last letter is a vowel then codes are to be interchanged.
(ii) If the first as well as the last letter is a vowel
(iii) If the first as well as the last letter is a consonant and in between there are two or more vowels all the vowels are to be coded as o ..
(iv) If the first letter is a vowel and the last letter is a consonant, both are to be coded as the code for consonant.

71. EFHKL B
A @7963* B. *7963*
C. @7963@ D.*7963@
E. None of these
72. FTAMIR
A 7\$4812 B. 7\$1842
C. 7\$0802 D. 7\$£8£2
E. None of these
73. DKPRT B
A *652\$% B. %652\$%
C. £652\$£ D. *652\$*
E. None of these

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74. UPITRA
 A 45#\$2© B. ©5#\$24
 C. ©5#\$2©' D. £5#\$2£
 E. None of these

75. HLEKBI
 A 13@6*9 B.92@K*1
 C. 13@6* 1 D.93@K*9
 E. None of these

Directions (Qs, 76 to 80): Each question below is followed by two statements A and B. You are to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose between the possible answers. Give answer (A) if the statement A alone is sufficient to answer the question, but the statement B alone is not sufficient.

Give answer (B) if the statement B alone is sufficient to answer the question, but the statement A alone is not sufficient.

Give answer (C) if both statements A and B together are needed to answer the question.

Give answer (D) if either the statement A alone or statement B alone is sufficient to answer the question

Give answer (E) if you cannot get the answer from the statement A and B together, but need even ore data.

76. In how many days 12 mer, can complete a piece of work?
 A .If 12 children can complete the same piece of work in 36 days.
 B. If 12 women can complete the same piece of work in 24 days.
77. What is the three digit number?
 A. Three digit number is a Prime Number.
 B. The-first and the third digit is 7.
78. What is the profit earned by selling a Calculator for Rs. 560/-?
 A. The cost price of 4 such Calculators is equal to selling price of 3 such Calculators.
 B.One-third amount of cost price is earned as profit.
79. The ages of Aashima and Apsara are in the ratio of 9 : 8. What is the age of Aashima?
 A. The ages of Aashima and Arpita are in the ratio of 3 : 2.
 B.After 6 years the ratio of Aashima's and Apsara'a ages will be 11 : 10.
80. Is B an odd number?
 A .B multiplied by an odd number is an odd number. .
 B.B is not divisible by 2.

Directions (Qs. 81 to 85): These questions are based on the following .letter/number/symbol arrangement. Study if carefully and answer the questions. 8GAR#7HE%LI@JKIDU5tBT3 \$QM2*F4

81. How many such consonants are there in the above arrangement each of which is immediately preceded by a number and also immediately followed by a symbol?

- A None B. One
 C. Two D. Three
 E. More than three

82. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to the group?

- A 7R% B. A87
 C.JID D.3BM
 E.DKB

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83. How many such vowels are there in the above arrangement each of which is immediately preceded by a consonant and also immediately followed by a symbol?

- A None B. One
C. Two D. Three
E. Four

84. If all the numbers are dropped from the above arrangement which element will be fifth to the left of thirteenth from the left?

- A % B. L
C. I D. E
E. None of these

85. If all the vowels are dropped from the above arrangement and then the order of remaining elements is reversed, which element will be seventh to the right of eighteenth from the right end?

- A.K B. @
C. L D. J
E. None of these

Directions (Qs. 86 to 90): In each of the following sentences there are two blanks spaces. Below each sentence there are five pairs of words or groups of words denoted by numbers (A), (B), (C) (D) and (E). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence grammatically correct and meaningfully complete.

86. Preachinggenerally easier than it.

- A .every ideology has, practice
B.an ideology is; practising
C.ideologies is, experimenting
D.others are, practice
R. None of these

87. While going to the office yesterday Ithat I the key of my office room at home.

- A ,suddenly realized, have forgotten
B.gradually remembered, was forgetting
C.immediately recalled, was left
D.suddenly realized, had forgotten
E.None of these

88. This Physics Laboratory iswith all the sophisticated but also with most of the recent publications.

- A. not only equipped, instruments
B.not equipped, gadgets
C.dumped, old publications
D.equipped not only, instruments
E. None of these

89. If heprepared his lecture well in advance it the best lecture in the entire conference.

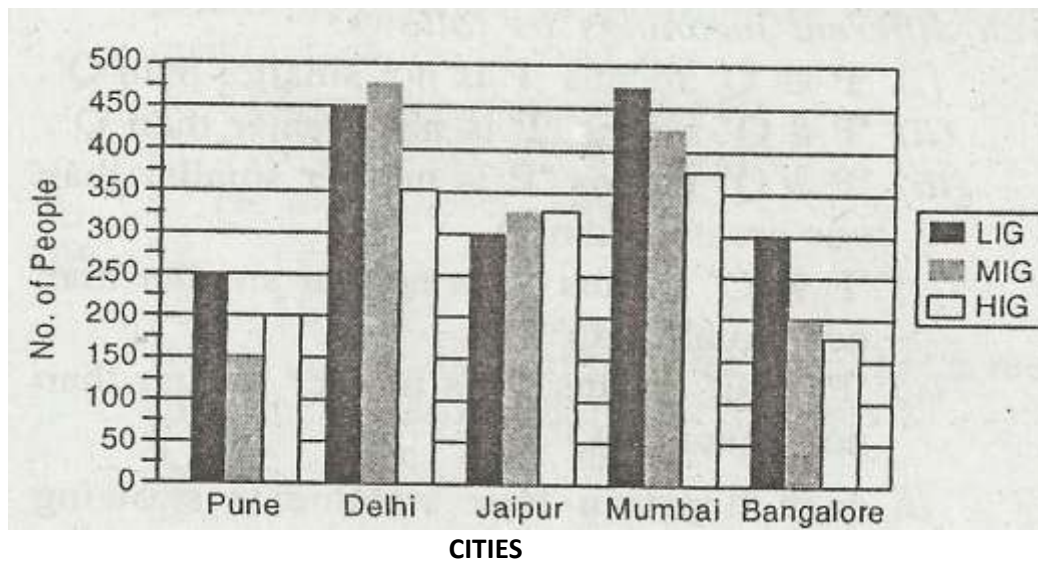
- A. would have, would have been
B.would, must be
C.had, would have been
D.should have,would be
E.None of these

CETking Challenge – Can you solve all these questions without pen?

90. No other library in townso many books belonging to different disciplines as this library'
.....
- A has, has
B.,having, does
C.have, has
D.possess, have
E.None of these

Directions (Qs, 91 to 95): Study the following graph carefully to answer the questions that follow:

Number of People (in thousands) Applying for LIG, MIG Flats in Five Different Cities



91. What is the respective ratio of total number of people applying for LIG, MIG and RIG flats in all the cities together?
- A 24 : 21 : 19 B. 8 : 7 : 6
C. 71 : 63 : 57 D. 48 : 42 : 21
E. None of these
92. What is the Total number of people applying for MIG flats in all the cities together?
- A 1775 B. 1425
C. 1625 D. 1575
E. None of these
93. Number of people applying for LIG flats in Pune forms what percent of total number of people applying from all the categories in Pune? (rounded off to two digits after decimal)
- A 41.67 B. 54.16
C. 35.29 D. 44.44
E. None of these
94. What is the respective ratio of total number of people applying for HIG flats from Delhi & Pune together to those applying for MIG flats from Bangalore & Jaipur together?
- A 21 : 23 B. 22 : 21
C. 22 : 23 D. 21 : 22
E. None of these
95. Number of people applying for MIO. flats in Mumbai forms approximately what percent of the total number of people applying for MIG' flats from all the cities together?
- A 34 B. 48

CETking Challenge – Can you solve all these questions without pen?

- C. Only IV is true
- D. Only I & II are true
- E. None of these

100. Statements: H % L, L @ Q, Q * R, R # N

- Conclusions:
- I H @ Q
 - II H%Q
 - III N@Q
 - IV N.%Q

- A. Only I & III are true
- B. Only II & III are true
- C. Only II & IV are true
- D. All are true
- E. None of these .

Directions (Qs. 101 to 105): Find out which one, two, three or none of the given alternatives is/are most nearly the SAME in meaning of the word printed in bold.

101. Indomitable

- (1) Feeble (2) Unconquerable
- (3) Conspicuous
- A (1) only B. (2) only
- C. (3) only D. (1) and (2) only
- E. All the three

102. Melancholy

- (1) Sad (2) Miserable
- (3) Malicious
- A. (1) and (2) only B. (2) and (3) only
- C. (1) and (3) only D. All the three
- E. None

103. Versatile

- (1) Verifiable (2) Inflexible
- (3) Multi-talented
- A. (1) only B. (2) only
- C. (3) only D. (1) and (2) only
- E. (1) and (3) only

104. Invigorate

- (1) Revitalize (2) Strengthen
- (3) Rejuvenate
- A (1) only B. (2) only
- C. (3) only D. (1) and (3) only
- E. All the three

105. Exasperate

- (1) Exonerate (2) Annoy
- (3) Frustrate
- A (1) and (2) only B. All the three
- C. (1) and (3) only D. (2) and (3) only
- E. (2) only .

Directions (Qs.106 to 110): In each of the following questions two rows of numbers are given. Resultant number in each row is to be worked out separately based on the following rules and the question below the row of numbers is to be answered. The operations of numbers progress from left to right. Resultant of the first operation is the input for the subsequent operation.

CETking Challenge – Can you solve all these questions without pen?

Rules:

i) If a composite odd number is followed by a prime number, the composite number is to be divided by the prime number.

(ii) If a composite number is followed by a number which is the perfect square, the two are to be added.

(iii) If an even number is followed by a prime number the two are to be multiplied.

(iv) If a composite odd number is followed by an even number the second number is to be subtracted from the first number.

(v) If a prime number is followed by any number, the two are to be multiplied.

(vi) If the even number is followed by a composite number the second number is to be subtracted from the first number,

106. 32 9 6

45 24 8

What is the difference between the resultants of the first and the second row?

A. 233 B. 246

C. 259 D. 253

E. None of these

107. 28 12 5

13 6 25

What is the sum of the resultants of the two rows?

A. 23 B. 80

C. 103 D. 138

E. None of these

108. 75 56 8

X 36 7

If X is the resultant of the first row what is the resultant of the second row?

A. 812 B. 1316

C. 816 D. 1312

E. None of these

109. 99 11 3

35 16 X

If X is the resultant of the first row what is the sum of the resultants of the two rows?

A. 17 B. 3

C. 51 D. 20

E. None of these

110. 165 11 49

X 18 7

If X is the resultant of the first row what is the resultant of the second row?

A. 448 B. 574

C. 322 D. 332

E. None of these

Directions (Qs; 111 to 115): Read the following passage carefully and answer the questions given below it. Certain words are given in bold in the passage to help you locate them while answering some of the questions.

Urbanization and altered lifestyles are indicators of socio-economic development and lead to risk factors for cardiovascular diseases CVDs. At present, pre-transitional diseases like rheumatic heart disease, mostly the problem of the poor, co-exist as a major cardiovascular disease along with post-transitional diseases such as coronary heart disease and hypertension. In India nearly 2.4 million

CETking Challenge – Can you solve all these questions without pen?

deaths are caused by cardiovascular disorders. Small-scale community-based studies indicate the prevalence of CVD in adults, ranging from 2-6 per cent in rural and 6-10 per cent in urban areas. The health sector review of the World Bank projects that CVD mortality rates would double between 1985-2015.

111. A country's socio-economic development is generally estimated on the basis of-

- (1) Switchover to urban lifestyle ,
- (2) Adaptation of sophisticated lifestyle
- (3) Number of patients with cardiovascular diseases .

- A. (1) and (2) only B. (2) and (3) only
- C. (1) and (3) only D. All the three
- E. None of these

112. Which of the following is definitely TRUE in the context of the passage?

- (1) CVD adult patients in rural areas outnumber those 'in urban areas
- (2) The proportion of the rich and poor CVD patients is almost the same
- (3) CVD deaths between 1985-2015 would be doubled in respect of rural areas

- A. (1) and (2) only B. (2) and (3) only
- C. (1) and (3) only D. All the three
- E. None of these

113. Which of the following is most nearly the SAME as the word PREVALENCE as used in the passage?

- A. cure B. remedy
- C. occurrence D. prevention
- E. eradication

114. The passage lays emphasis on which of the following?

- (1) Association of CVDs with urban lifestyle
- (2) Diseases of rich and the poor
- (3) Diseases prevalent in rural and urban areas

- A. All the three B. (1) and (2) only
- C. (2) and (3) only D. (1) only
- E. (2) only

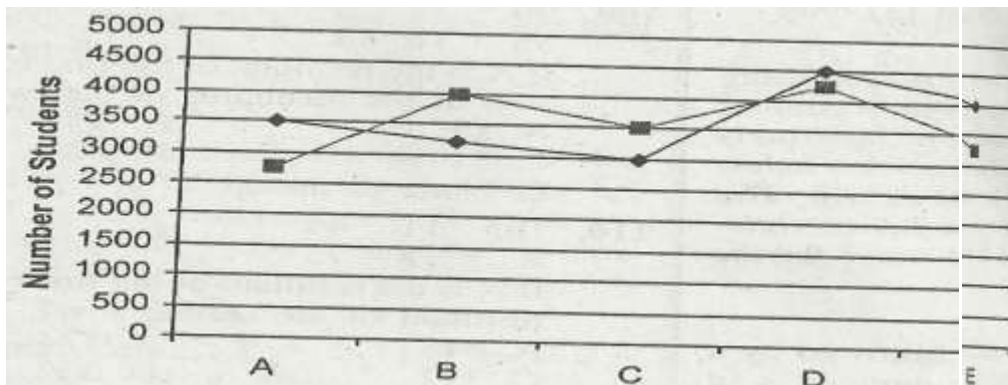
115. Which of the following is most nearly the SAME as the word ALTERED as used in the passage? .

- A. shifted B. changed
- C. reviewed D. modern
- E. traditional

Directions (Qs, 116 to 120): Study the following graph carefully to answer the questions that follow:

Total Number of Boys and Girls in Five Different Colleges.

CETking Challenge – Can you solve all these questions without pen?



116. The number of girls from College A is approximately what percent of the total number of girls from all the Colleges together?
- A. 21 B. 17
C. 23 D. 19
E. 15
117. The total numbers of boys from Colleges B & D together are approximately what percent of the total number of boys from Colleges A, C and E together?
- A. 135 B. 65
C. 128 D. 97
E. 74
118. What is the average number of boys from all the Colleges together?
- A. 3350 B. 3450
C. 3550 D. 3650
E. None of these
119. What is the difference between the total number of boys and the total number of girls from all the Colleges together?
- A. 500 B. 650
C. 725 D. 800
E. None of these
120. What is the respective ratio of number of girls from College C to the number of girls from College E?
- A. 13 : 14 B. 14 : 13
C. 7 : 6 D. 6 : 7
E. None of these

Directions (Qs. 121 to 125): Study the following information carefully to answer these questions: Eight members P, Q, R, S, T, V, H & L are sitting in two rows with equal number of members in each row. Members of one row are facing North and those in the other row are facing South. Each member in one row is sitting exactly opposite a member in the other row. P sits in the row facing North, to the immediate right of H who is exactly opposite of R. L is to the immediate right of R and S is exactly opposite of T who is to the intermediate right of P. V does not sit at any of the ends of any row.

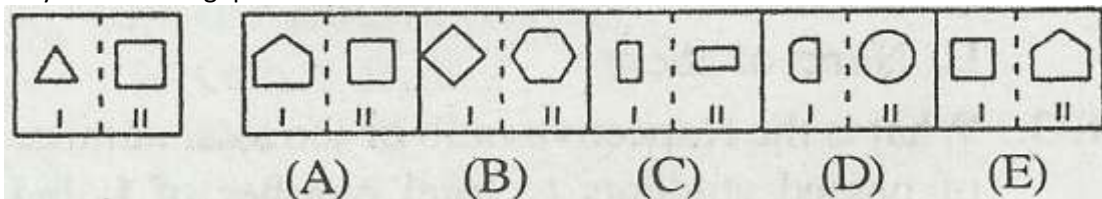
121. Which of the following members sit at the ends of the same row?
- A. TH B. SR
C. LQ D. LT
E. None of these
122. Who sits opposite of 'P'?
- A. L B. Q
C. V D. Cannot be determined
E. None of these
123. Which of the following members sit exactly opposite each other?

CETking Challenge – Can you solve all these questions without pen?

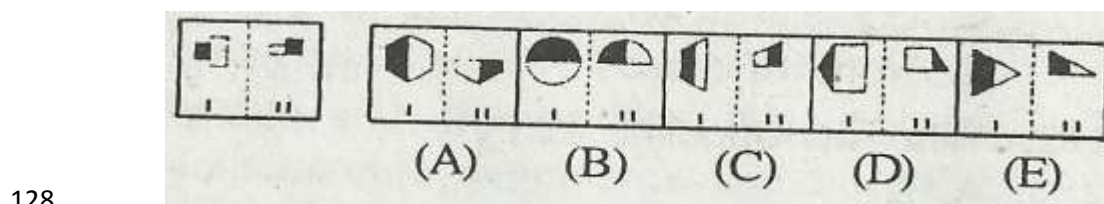
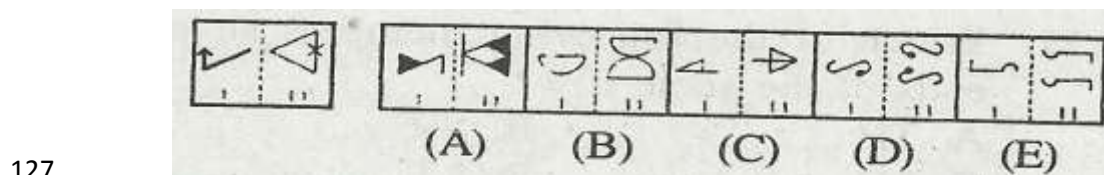
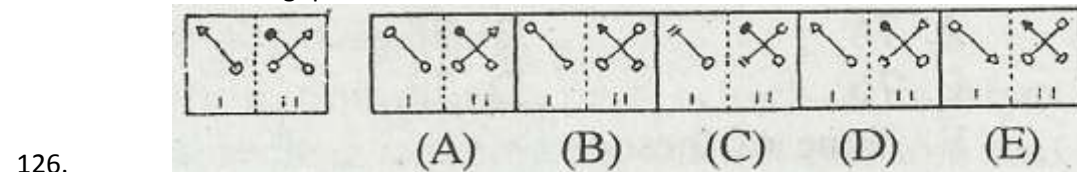
- A.VQ B. LV
C. VH D. VP
E. None of these
124. Who is to the left of V?
A.T B. S
C. R D. L
E. None of these

125. Who sits to the right of Q?
A. H B. L
C. V D. R
E. None of these

Directions (Qs. 126 to 130): In each of the following • questions, a related pair of figures is followed by five numbered pairs of figures. Select the pair that has a relationship similar to that in the unnumbered pair. The best answer is to be selected from a group of fairly close choices. Study the following question.



In this question element II of unnumbered figure is related to the element I of the figure in a certain way. Element II has one side more than the element 1. The pair in the figure No. 5 has the same relationship. Therefore, 5' is the answer. Now solve the following questions.



Directions (Qs, 131 to 135): Study the following table carefully to answer the questions that follow:
Number of Students Passed and Failed in Five Classes of a School over the Years

CETking Challenge – Can you solve all these questions without pen?

YEAR	VI		VII		VIII		IX		X	
	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL
2003	56	4	78	5	66	9	65	65	48	2
2004	78	7	77	11	65	8	72	6	92	17
2005	45	9	67	16	58	6	74	6	84	8
2006	66	8	64	13	92	13	81	10	76	8
2007	87	12	48	3	88	9	76	8	65	5
2008	90	10	55	7	52	4	90	11	58	3

131. Which of the following classes has the maximum number of passed students over the years?
 A. VI B. VII
 C. VIII D. IX
 E. X
132. What is the total percentage of passed students of class x from all the years together (rounded off to two digits after decimal)?
 A. 93.47 B. 90.77
 C. 87.57 D. 84.67
 E. None of these
133. What is the respective ratio of the total number of passed students to total number of failed students for the year 2008?
 A. 23 : 2 B. 69 : 13
 C. 13 : 23 D. 7 : 69
 E. None of these
134. What is the average number of appeared students from class VII for the given years?
 A. 74 B. 78
 C. 76 D. 72
 E. None of these
135. What is the number of appeared students, for all the classes together, in the year 20017
 A. 431 B. 335
 C. 401 D. 380
 E. None of these

Directions (Qs, 136 to 140): Study the following information carefully to answer these questions:

Seven friends L, J, K, T, R, H & V are working in three different organisations X, Y & Z with atleast two persons in each organization. Each one of them is in a different department viz. Operations, HR, Marketing, Research, Design, Accounts and Administration not necessarily in the same order.

CETking Challenge – Can you solve all these questions without pen?

J works in operations in organization Y. H works in Design in organization X only with L. Those who work in HR and administration work in the same organization. K works in organization Z but does not work in Research department. V works in administration for organization Y. The one who works in Accounts works in organization X. T works in organization Y.

136. R works in which organization?
 A. X B. Y
 C. Z D. Y or Z
 E. Cannot be determined
137. Who works in HR?
 A. K B. T
 C. R D. J
 E. None of these
138. Which of the following combinations is correct?
 A. Z-R-HR
 B. Y-K-Marketing
 C. X-L-Administration
 D. Y-V-HR
 E. None of these
139. Three persons work in which organization?
 A. Y B. Z
 C. X D. Y or Z
 E. X or Z
140. K works in which department?
 A. HR B. Design
 C. Research D. Marketing
 E. None of these

Directions (Qs. 141 to 145): Each of the questions below consists of a question and three statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

141. What is the code for 'write' in the code language?
 I. In the code language 'do not enter' is written as 'ja to ka'.
 II. In the code language 'enter and check' is written as 'penaja'.
 III. In the code language 'check and write' is written as 'bapena'.
 A. Only I & II B. Only II & III
 C. Only I & III D. Any two of the three
 E. Question cannot be answered even with the information in all three statements
142. How many employees are there in the institute?
 I. 30% of the employees are in clerical cadre.
 II. 42 employees are in officers cadre.
 III. Employees of the institute are either in officers cadre or in clerical cadre
 A. Only I & II B. Only I & III
 C. Only II and either I or III D. All I, II & III
 E. Question cannot be answered even with the information in all three statements
143. Tower 'F' is in which direction with respect to tower 'H'?
 I. Tower 'L' is to the west of tower 'F'.
 II. Tower 'H' is to the north of tower 'L'.
 III. Tower 'R' is to the east of tower 'H' and to the north of tower 'F'.
 A. Either only III or both I & II B. Only I & II
 C. Only III D. All I, II & III

CETking Challenge – Can you solve all these questions without pen?

149. Marketing communication needs to be moulded to suit to which of the following?
- A. Advertising and publicity strategy
 - B. Composition of the general public and the extent of economic development
 - C. The strategy adopted for market research
 - D. Various avenues available for enhancing sales
 - E. None of these

150. Which of the following is most OPPOSITE of the word DECLINE as used in the passage?
- A. incline
 - B. reduce
 - C. accept
 - D. increase
 - E. magnify

Directions (Qs, 151 to 155): In each question below is given a statement followed by two courses of action numbered I and /I. 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 I follows.

Give answer : (2) if only II follows:

Give answer : (3) if either I or II follows.

Give answer : (4) if neither I nor II follows.

Give answer : (5) if both I and II follow.

151. Employees of the organization gave a call for strike in protest against certain decision taken by the management.

Courses of Action:

I. The management should call a joint meeting of management and union leaders to listen to the employees' grievances.

II. The management should appeal to the employees to withdraw the call for strike assuring them the decisions will be considered for review.

152. The Bus Transport Co. -received a phone call alerting bomb scare in the bus on one of its route.

. Courses of Action:

1. The Bus Transport Co. should alert all the buses on that route advising them to vacate and take precautionary measures.

II. The Bus Transport Company should call for the help from the Bomb squad.

153. Twenty five children in the school were reported to be suffering from diarrhoea after having mid-day meals.

Courses of Action:

I. Parents of the children should be advised to give homemade meals to the children.

II. School should arrange for immediate medical help to all the affected children.

154. Terrorist activities in the city have been continuously increasing since last few years.

Courses of Action: L

I. The Government should alert the police department to deploy more security checks at all the entries into the city.

II. Public should be cautioned and advised not to go out in late night hours.

155. A huge rally was organized by the people in the locality on a religious occasion and the police was informed accordingly.

CETking Challenge – Can you solve all these questions without pen?

Courses of Action:

- I. Adequate police force should be deployed to oversee the procession of the rally.
II, Vehicles on the road should be advised a diversion to avoid traffic congestion.

Directions (Qs. 156 to 160): Study the table carefully to answer the questions that follow:

Number or Percentage of Children, Women and Men playing Six different games

GAMES	NUMBER.OF PERCENTAGE		
	Children	Women	Men
Chess	99	138	21%
Hockey	35%	159	166
Tennis	632	168	20%
Football	163	36%	221
Volleyball	261	34%	37%
Cricket	36%	77	435

156. What is the respective ratio of total number of women playing football to the men playing volleyball?

- A. 2 : 3 B. 23 : 36
C. 24 : 37 D. 11 : 18
E. None of these

157. Total number of women playing volley ball forms approximately what per cent of the total number of women playing all the games together?

- A. 45 B. 41
C. 37 D. 33
E. 29

158. What is the average number of men playing all the games together? (rounded off to two digits after decimal)

- A. 177.33 B. 236.33
C. 210.67 D. 269.67
E. None of these

159. What is the total number of children playing all the games together?

- A. 1618 B. 1064
C. 1418 D. 264
E. None of these

160. Number of children playing hockey forms what per cent of children playing Cricket? (rounded off to two digits after decimal)

- A. 54.76 B. 56.76
C. 58.76 D. 60.76
E. None of these

Directions (Qs, 161 to 165): Read the following passage carefully and answer the questions given below it. Certain words are given in bold in the passage to help you locate them while answering some of the questions.

The Guided Missile Development Programme envisaged the design and development of our missile systems. Prithvi, Trishul, Akash and Nag, leading to their production. It also established the re-entry technology capability through Agni. The re-entry technology demonstration was completed by 1992, through flight tests of Agni. Prithvi was the first of the four operational missile systems to be inducted into, the armed forces.

CETking Challenge – Can you solve all these questions without pen?

The technological goal of the programme is to ensure that the systems will be contemporary at the time of their induction into the armed forces. The systems have been designed to be multi-purpose, multiuser and multi-role in nature. The programme has adopted the philosophy of concurrent development and production to reduce the time-cycle from development to induction.

161. What was the technological objective of the programme of guided missile as depicted in the passage?

(1) The programme should yield modern gadgets at the time of its induction.

(2) The programme should yield gadgets with variety of purpose and facility" to use by various users.

(3) The programme should be such that it should reduce the time for manufacture.

A.(1) only B. (1) and (2) only

C. (1) and (3) only D. All the three

E. None of these

162. Which of the following is most OPPOSITE of the word CONTEMPORARY as used in the passage?

A. regular B. permanent

C. haphazard D. prominent

E. old

163. It can be inferred from the passage that the author is most likely to be alan :

A. Newspaper Reporter

B. Scientist

C. Sociologist

D. Environmentalist

E. Civil Defence Strategist

164. What was the strategy adopted to cut short the time?

A. Starting induction before development

B. Starting development just prior to induction

C. Synchronizing production and development together

D. Starting induction together with development

E. None of these

165. Which of the following is most OPPOSITE of the word CONCURRENT as used in the passage?

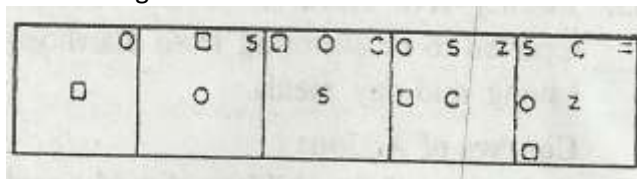
A. flexible B. sequential

C. modest D. optimum

E. limited

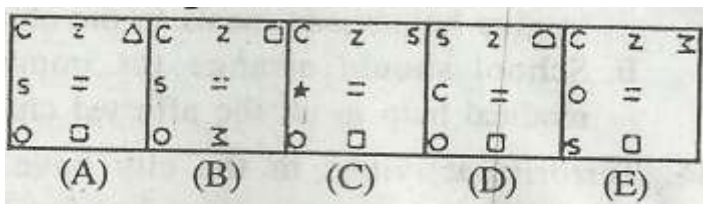
Directions (Qs, 16.6 to 170): In each of the questions given below which one of the five answer figures on the right should come after the problem, figures on the left, if the sequence were continued.

166. Problem Figures

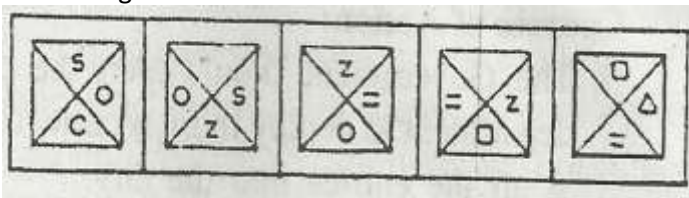


Answer Figures

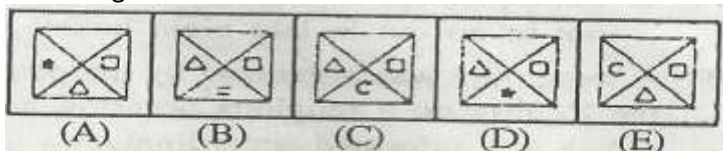
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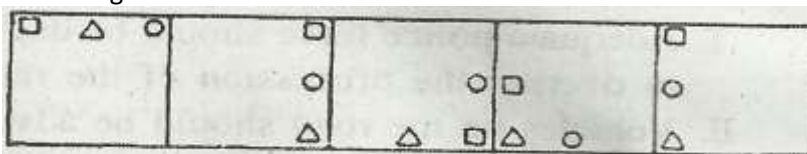
167. Problem Figures



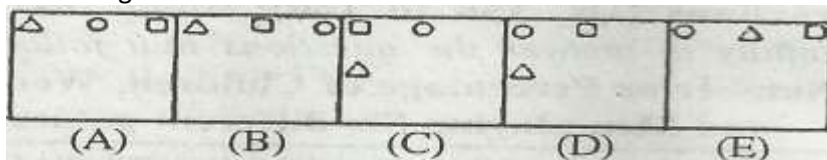
Answer Figures



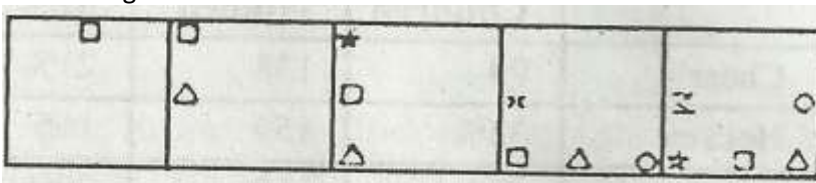
168. Problem Figures



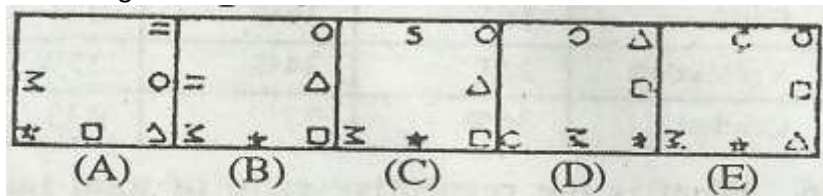
Answer Figures



169. Problem Figures

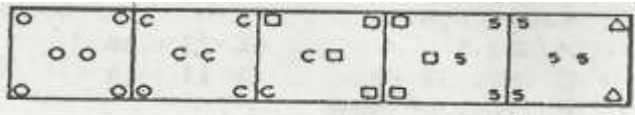


Answer Figures

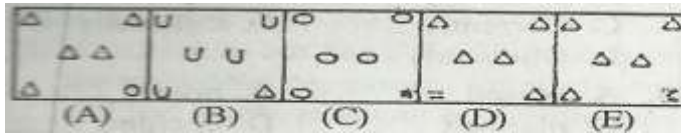


170. Problem Figures

CETking Challenge – Can you solve all these questions without pen?



ANSWER FIGURES



Directions (Qs, 171 to 175): Study the information carefully to answer the following questions:

There are 7200 students in a Medical Institute. The ratio of boys to girls is 7 : 5 respectively. All the students are enrolled in six different courses viz. B.Sc. Nursing, B. Pharma, B.A.M.S., B.M.L.T., B.D.S. and M.B.B.S. 22 per cent of the total numbers of students are in B.D.S. 16 per cent of the girls are in B.Pharma. 18 per cent of the boys are in B.A.M.S. Girls in M.B.B.S. are in 30 per cent of the girls in B.Pharma. 15 per cent of the boys are in B.Sc. - Nursing. Boys in B.Pharma are 50 percent of the girls in the same. 15 per cent of the girls are in B.M.L.T. The ratio of boys to girls in the M.B.B.S. is 3:1 respectively. 24 per cent of the total numbers of students are in B.Sc. Nursing. The ratio of boys to girls in the B.M.L.T. is 12:5 respectively.

171. What is the total number of students enrolled in B.A.M.S.?
A 1062 B. 1530
C. 1728 D. 1584
E. None of these
173. Number of girls enrolled in B.Sc. (Nursing) forms approximately what per cent of total number of the students in the organization?
A 7 B. 22
C. 13 D.24
E. 15
173. What is the total number of girls enrolled in B.D.S.?
A 306 B. 480
C.522 D. 144
E. None of these
174. Number of boys enrolled in B.M.L.T. forms what per cent of the total number' of girls enrolled in B. Pharma?
A 187.5 B.200
C. 212.5 D. 225
E. None of these
175. What is the total number of boys enrolled in M.B.B.S.?
A. 240 B. 432
C. 756 D. 630
E. None of these

Directions (Qs, 176 to 180): Below in each question are .given two statements (I) and (2). 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

CETking Challenge – Can you solve all these questions without pen?

statements and decide which of the following answer choices correctly depicts the relationship between these two statements.

Mark answer: (A) if statement (1) is the cause and statement (2) is its effect.

Mark answer : (B) if statement (2) is the cause and statement (1) is its effect.

Mark answer: (C) if both -the statements (1) and (2) are independent causes.

Mark answer : (D) if both the statements (1) and (2) are effects of independent causes.

Mark answer : (E) if both the statements (1) and (2) are effects of some common cause.

176. (1) Worldwide recession has created uncertainty in the job market.

(2) Many people are opting for change from private sector to public sector.

177. (1) A large number of employees could not report to the duty on time.

(2) Police had laid down barricades on the road to trap the miscreants.

178. (1) There was a huge crowd of buyers at various shopping outlets in the city.

(2) Prices of most of the commodities have gone up substantially in the recent past.

179. (1), There has been a constant rise in the number of immigrants to the metropolis for last many years.

(2) The infrastructure of the metropolis is struggling to take care of its increasing population.

180. (1) The earnings of all the Government employees have gone u

(2) Salaries of employees in the private companies are being revised from time to time.

Directions (Qs. 181 to 190): 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.

The gross value added to GDP by insurance services increased at the rate of 7.5 per cent during 1980–81 and 1993:94, but only 22 per cent of all insurable persons are covered by life insurance. The number of persons covered will increase significantly due to population increase, economic growth and the rise in (181) of risks due to rapid urbanization. (182) less than 1 per cent of the population has any dealings with non-life insurance business, but the demand on these services is (183) to increase as manufacturing, .trade and other activities grow. Additionally more and more people will go in for personalaccid~nt insurance, medical coverage and other such forms of protection. The business in non-life insurance even currently is increasing at the rate of 20 per cent per annum and is expected to (184) to 30 per cent in the next decade. (185) voluminous growth in the banking and insurance sectors, processing and transactions have been carried out by large'ly manual means. A national network of banking and the insurance business has to (186). This lack has (187) affected efficiency and is a major cause of the (188) rates charged for financial services. The introduction of I.T. for various operations at the earliest has become a necessity. This means use of computers for near total electronic data management and the use of telecommunications and multimedia data, (189) a total systems approach. Some modern technologies like Automated Teller Machines (ATM); automatic cheque clearing systems, telephonic banking, credit cards and electronic fund transfers have been already introduced and will be (190) in most of the banks in the coming years.

181. A. magnitude B. fotm
C. danger D. perception
E. nature

182. A Blissfully . B. Eventually

CETking Challenge – Can you solve all these questions without pen?

183. , C. Currently D. Officially
E. Obviously
184. A. ceased B. bound
C. planned D. decided
E. unlikely
185. A. make B. develop
C. promote D. lead
E. accelerate
186. A. Assuming B. Resulting
C. Reversing D. Despite
E. Poised
187. A emerge B. set
C. found D. established
E. settle
188. A abruptly B. obviously
C. adversely D. incidentally
E. finally
189. A optimum B. minimal
C. fluctuating D. high
E. nominal
190. A. demanding B. adopting
C. negating D. avoiding
E. skipping
190. A. set up B. operative
C. engaged D. functioning p with the revision of pay scales.
E. prevalent

Directions (Qs, 191 to 200): A marketing firm wants to recruit trainee officers. Following is the criteria for selection.

The candidate must-

- (i) be a graduate in any discipline with atleast 55% marks.
- (ii) have completed post-graduate degree/ diploma in marketing management with atleast 65% marks.
- (iii) have cleared the selection test with atleast 50% marks.
- (iv) have cleared the interview with atleast 55% marks.
- (v) be willing to sign a. bond for 2 years.
- (vi) be not less than 21 years and not more than 26 years of age as on 1.2.2009.

However, if a candidate satisfies all the above criteria except-

- (a) at (ii) above but has a working experience in the marketing department for atleast one year and has a post-graduate degree/diploma with any specialization, the case is to be referred to the Vice-President. .
- (b) At (v) above but is willing to pay an amount of Rs. 1 lakh in case if the candidae leaves the case is to be referred to the head of marketing department.

In each of the questions below, information of one candidate is given. You have to take one of the following five decisions based on the information provided and the criteria and conditions given above. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 1.2.2009. You have to indicate your decision by marking answers to each question as follows:

Marks answer :(A) in the case is to be referred to Vice-President.

Mark answer :(B) if the case is to be referred to head of marketing Department.

CETking Challenge – Can you solve all these questions without pen?

Mark answer :(C) if the data is inadequate to take a decision.

Mark answer :(D) if the candidate is to be selected.

Mark answer :(E) if the candidate is not to be selected.

191. MeenalSoni is an Arts Graduate passed with 58% marks. She has done MBA-HR with 64% marks in August 2004 and is working in the marketing department of a bank since January 2005. She has completed 24 years of age in November 2008. She is willing to sign the bond for 2 years. She has cleared the selection test with 58% marks and interview with 56% marks.

192. A vinashChavan is a Post Graduate in Management with specialization in Marketing passed with 67% marks.' He is working as a Jr. Officer in the Marketing Department of a private company. He is not willing to sign the bond but is willing to pay Rs. 1 lakh in case if he leaves. He has cleared the selection test with 52% marks and interview with 59% marks. His date of birth is 17.6.1983.

193. Sujay has passed B.E. with 67% marks and MBA Marketing with 69% marks.' He has scored 56% in selection test and 63% marks in interview. He has recently celebrated his 25th birthday on 17th September 2008. He does not want to sign a bond but is willing to pay Rs 1. lakh if he leaves.

194; RohanBhalla is 24 years old Science Graduate passed with 58% marks and MBA in Marketing with 68% marks. He has secured 53% marks in selection test as well as in interview. He is willing to sign the bond for 2 years.

195. Nandita Sharma is aRCom. Graduate passed in first class with 62% marks and has passed Post Graduate Diploma in Marketing Management with 72% marks. She has cleared the selection test and interview with 56% and 58% marks respectively. Her date of birth .is 21.12.1985. She is willing to sign the bond for 2 years.

196. Shrikant has passed B.A. with Economics with 59% marks and M.B.A. marketing with 69% .marks, His date of birth is 16-07-1984. He has been working in the marketing department of a private firm Since Dec. 2007. He has cleared the selection test with 56% marks and interview with 58% marks.' He is willing to sign the bond for two years.

197. Shymala is an II Engineering graduate passed with 67% marks. After working is an it company for two yrs. She has done post-graduate diploma in marketing management. Her date of birth is 16/4/83. She has recurred 53% marks in selection test and 56% marks, in interview and is willing to sign the bond 2 yrs.

198. RajanSathe is a commerce graduate passed with 63% marks and has passed post graduate diploma in marketing management with 72% marks. He has scored 58% & 62% in interview and selection test respectively. His date of birth is 16.2.1984. He is not willing to sign the bond but is willing to pay the amount of Rs 1 lakh if he has to leave.

199. AkhileshMalliya is an IT Engg. Pased first class with 66% marks at the age & 21 years is 2005 thereafter he has completed MBA finance in first class with 69% marks. He is working in the marketing department of an organization since Sept. 2006. He has cleared the selection test with 53% marks & interview with 56% marks. He is willing to sign the bond for two years.

200.Charanjit singh is B.Sc in zoology passed in first class with 63% marks and passed post graduate diploma in marketing management with 63% marks. he has secured 56% marks in interview . ho is willing to sign the bond of two years...

!ANSWERS I

1	2	3	4	5	6	7	8	9	10•
B	B	C	E	A	D	E	C	B	B
11	12	13	14	15	16	17	18	19	20
C	.B	C	E	B	A	E	E	D	B
21	22	23	24	25	26	27	28	29	30
A	E	B	C	D	C	A	D	E	C
31.	32	33	34	35	36	37	38	39	40
E	E	D	B	A	C	B	C	E	C
41	42	43	44	45	46	47	48	49	50
C	E	B	D	E	E	A	F	D	B

CETking Challenge – Can you solve all these questions without pen?

51	52	53	54	55	56	57.	58	59	60
B	C	D	D	A	D	E	B	B	C
61	62	63	64	65	66	67	68	69	70
D	C	C	B	E	C	B	D	A	E
71	72	73	74	75	76	77	78	79	80
B	C	E.	D	A	E	E	D	B	D
81	82	83	84	85	86	87	88	89	90
A	E	C	B	D	B	D	D	C	A
91	92	93	94	95	96	97	98	99	100
'C	D	A	B	E	B	E	D	A	C
101	102	103	104	105	106	107	108	109	110
B	A	C	D	E	A	E	B	D	C
111	112	113	114	115	116	117	118 -	119	120
A	E	C	A	B	E	E•	D	A	B
121	122	123	124	125	126	127	128	129	130
E	C	D	n	A	B	C	C	E	B
131	132	133	134	135	136	137	138	139	140
D	B	E	A	C	C	B	E	A	D
141	142	143	144	145	146	147	148	149	150
B	D	A	B	C	B	A	B	B	D
151	152	153	154	155	156	157	158	159	160
C	A	B	E	E	C	E	B	A	D
161	162	163	164	165	166	167	168	169	170
D	E	B	C	D	A	D	C	C	B
171	172	173	174	175	176	177	178	179	180
A	E	C	D	B	A	B	C	B	D
181	182	183	184	185	186	187	188	189	190
A	C	B	E	D	A	C	D	B	B
191 .	192	193	194	195	196	197	198	199	200
A	C	B	E	D	D	A	B	D	C