

## MAH MBA CET 2025 April 2 Session 1 Question Paper

Time Allowed :2.5 Hours

Maximum Marks :200

Total questions :200

### General Instructions

**Read the following instructions very carefully and strictly follow them:**

1. The paper is divided into Logical Reasoning and Abstract Reasoning sections.
2. All questions are compulsory.
3. Answers must be written legibly within the space provided.
4. Use of unfair means or electronic devices is prohibited.
5. For questions with figures/diagrams, the correct answer must be determined based on visual analysis.

**1. DIRECTION for the question: In the following question, a series is given with term/s missing. Choose the correct alternative to replace the question mark in the given series.**

**5, 6, 9, 15, ?, 40**

- (A) 21
- (B) 25
- (C) 27
- (D) 33
- (E) 48

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**2. DIRECTION for the question: In the following question, a series is given with term/s missing. Choose the correct alternative to replace the question mark in the given series.**

**1, 3, 4, 8, 15, 27, ?**

- (A) 37
- (B) 44
- (C) 50

(D) 55

(E) 95

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**3. DIRECTIONS for the question: In the following question, an alphabet series is given with term/s missing. Choose the correct alternative to replace the question mark in the given series.**

**A, CD, GHI, ?, UVWXY**

(A) LMNO

(B) MNO

(C) MNOP

(D) NOPQ

(E) OPQZ

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**4. DIRECTIONS for the question: In the following question, a letter-number series is given, with one or more terms missing as shown by (?). Choose the missing term out of the given alternatives.**

**2Z5, 7Y7, 14X9, 23W11, 34V13, ?**

(A) 27U24

(B) 45U15

(C) 47U15

(D) 47V14

(E) 23X7

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**5. DIRECTIONS for the question: In the following question, one term in the number series is wrong. Find out the wrong term.**

**196, 169, 144, 121, 101**

(A) 101

(B) 121

(C) 169

(D) 196

(E) 144

---

**6. DIRECTIONS for the question: In the following question, there is a particular relationship given, similar relationship has to be identified from the alternatives provided.**

**CRED is related to FSQR in the same way as JHKL is related to ?**

- (A) YVZX
  - (B) UVXZ
  - (C) WZWZ
  - (D) RQSP
- 

**7. DIRECTIONS for the question: In the following question, there is a particular relationship given, similar relationship has to be identified from the alternatives provided.**

**EGIK is related to WUSQ in the same way as DFHJ is related to ?**

- (A) BDFH
  - (B) ECGI
  - (C) XVTR
  - (D) SQOM
  - (E) QSUV
- 

**8. DIRECTIONS for the question: In the following question there is some relationship between two terms to the left of ':' and the same relationship between the two terms to the right.**

**acE : bdF :: nJ : ?**

- (A) jbf
- (B) gHK
- (C) giK
- (D) dIH
- (E) hIL

---

**9. DIRECTIONS for the question: In the following question there is a certain relationship between two given numbers.**

**3 : 11 :: 7 : ?**

- (A) 22
- (B) 29
- (C) 18
- (D) 51
- (E) 13

---

**10. DIRECTIONS for the question: In the following question there is a certain relationship between two given numbers.**

**121 : 12 :: 25 : ?**

- (A) 1
- (B) 2
- (C) 6
- (D) 7
- (E) 5

---

**11. DIRECTION for the question: In the following figure, rectangle, square, circle and triangle represent the regions of wheat, gram, maize and rice cultivation respectively.**

**On the basis the figure, answer the following questions.**

**Which area is cultivated by all the four commodities?**

- (A) 7
- (B) 8
- (C) 9
- (D) 2
- (E) 1

---

**12. Which area is cultivated by wheat and maize only?**

- (A) 8
  - (B) 6
  - (C) 5
  - (D) 4
  - (E) 3
- 

**13. Which area is cultivated by rice only?**

- (A) 5
  - (B) 1
  - (C) 2
  - (D) 11
  - (E) 7
- 

**14. Which area is cultivated by maize only?**

- (A) 10
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 11
- 

**15. DIRECTION for the question: In the following question, choose the number-letter group which is different from the others.**

- (a) 18R   (b) 24X   (c) 22V   (d) 12M   (e) 16P
- (A) 18R
  - (B) 24X
  - (C) 22V
  - (D) 12M
  - (E) 16P
-

**16. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**Anil introduces Rohit as the son of the only brother of his father's wife. How is Rohit related to Anil?**

- (A) Cousin
  - (B) Son
  - (C) Uncle
  - (D) Son-in-law
  - (E) Grandfather
- 

**17. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**Deepak has a brother Anil. Deepak is the son of Prem. Bimal is Prem's father. In terms of relationship, what is Anil of Bimal?**

- (A) Son
  - (B) Grandson
  - (C) Brother
  - (D) Grandfather
  - (E) Uncle
- 

**18. DIRECTIONS for the question: Study the following information carefully and answer the question that follows.**

A team of five is to be selected from among five boys A, B, C, D, E and four girls P, Q, R and S.

Some criteria for selection are:

A and S have to be together.

P cannot be put with R.

D and Q cannot go together.

C and E have to be together.

R cannot be put with B.

**If two of the members have to be boys, the team will consist of?**

- (A) A, B, S, P, Q
  - (B) A, D, S, Q, R
  - (C) B, D, S, R, Q
  - (D) C, E, S, P, Q
  - (E) R, B, S, P, Q
- 

**19. If R is one of the members, the other members of the team are?**

- (A) P, S, A, D
  - (B) Q, S, A, D
  - (C) Q, S, C, E
  - (D) S, A, C, E
  - (E) Q, S, R, D
- 

**20. If two of the members are girls and D is one of the members, the members of the team other than D are?**

- (A) P, Q, B, C
  - (B) P, Q, C, E
  - (C) P, S, A, E
  - (D) P, S, C, E
  - (E) P, Q, B, D
- 

**21. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**If DIAMOND is coded as VGYMKLV, how is FEMALE coded?**

- (A) TUMYNU
- (B) UVNVZOV
- (C) UVNYNVV
- (D) TVNYNVV
- (E) TUMZOU

---

**22. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**If in a certain language, MACHINE is coded as LBBIHOD, which word would be coded as SLTMFNB?**

- (A) RKSLENA
- (B) TKULGMC
- (C) RMSNEOA
- (D) TMUNGOCC
- (E) TMUNGNC

---

**23. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**In a certain code, EAT is written as 318 and CHAIR is written as 24156. What will TEACHER be written as?**

- (A) 8132346
- (B) 8321436
- (C) 8312436
- (D) 8313420
- (E) 8313134

---

**24. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**If a man is called 'girl', 'girl' is called 'woman', 'woman' is called 'boy', 'boy' is called 'butler', and 'butler' is called 'rogue', who will serve in a restaurant?**

- (A) Butler
- (B) Girl
- (C) Man
- (D) Woman
- (E) Rogue

---

**25. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**If air is called 'green', 'green' is called 'blue', 'blue' is called 'sky', 'sky' is called 'yellow', 'yellow' is called 'water', 'water' is called 'pink', then what is the colour of clear sky?**

- (A) Blue
- (B) Sky
- (C) Yellow
- (D) Water
- (E) Pink

---

**26. DIRECTIONS for the question: Study the following information carefully and answer the question that follows.**

Of the six men of literature A, B, C, D, E and F being considered here, two belonged to the 19th century, three to the 17th century and one to the 20th century. Four were recognized as great poets, three as great novelists and two as great dramatists. One contributed to Bengali literature, two to Hindi, two to Marathi and one to Tamil.

The 20th century writer wrote poetry only and contributed to Marathi literature. One Hindi writer and the only Tamil writer belonged to the 19th century. The former contributed to poetry and novel while the latter to novel and drama. The Bengali writer belonged to the 17th century and contributed to poetry only. A belonged to the 20th century, B wrote drama only, C contributed to Marathi literature, D was a Hindi poet and novelist and belonged to the 19th century.

**To which language did B contribute?**

- (A) Bengali
- (B) Hindi
- (C) Marathi
- (D) Tamil
- (E) English

---

**27. Among these, who was the Tamil writer?**

- (A) A
- (B) B
- (C) E
- (D) F
- (E) D

---

**28. To which branch of literature did A contribute?**

- (A) Poetry
- (B) Novel
- (C) Drama
- (D) Drama and Novel
- (E) Drama and Poetry

---

**29. Among these, who was the Bengali writer?**

- (A) A
- (B) B
- (C) E
- (D) F
- (E) D

---

**30. DIRECTIONS for the question: Solve the following question and mark the best possible option.**

**Five girls are sitting in a row. Rashmi is not adjacent to Surekha or Abha. Anuradha is not adjacent to Surekha. Rashmi is adjacent to Monika. Monika is at the middle in the row. Then, Anuradha is adjacent to whom out of the following?**

- (A) Rashmi
- (B) Surekha
- (C) Abha

- (D) Monika
  - (E) Surekha or Abha
- 

**31. DIRECTIONS for the questions: Study the following information carefully and answer the questions that follow.**

At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, O was fourth, while N was first. When they were arranged in descending order of wickets taken by them, K replaces O, while O replaces L. M's position remains unchanged. K has scored more runs than M. L is having first rank in one ranking and fifth in another.

**Who has scored the highest runs in the series?**

- (A) K
  - (B) L
  - (C) M
  - (D) N
  - (E) O
- 

**32. Who has taken the lowest number of wickets?**

- (A) L
  - (B) M
  - (C) N
  - (D) K
  - (E) O
- 

**33. Who has taken the highest number of wickets?**

- (A) L
- (B) M
- (C) N
- (D) K
- (E) O

---

**34. DIRECTION for the question: In the following question, some groups of letters are given. All of which, except one, share a common similarity while one is different.**

**Choose the odd one out.**

(a) DAH (b) IFM (c) ROV (d) QNT (e) SPW

(A) DAH

(B) IFM

(C) ROV

(D) QNT

(E) SPW

---

**35. DIRECTION for the question: In the following question, five numbers are given.**

**Out of these, four are alike in a certain way, but the rest one is different. Choose the one which is different from the other four.**

(a) 6 (b) 12 (c) 18 (d) 9 (e) 7

(A) 6

(B) 12

(C) 18

(D) 9

(E) 7

---

**36. DIRECTIONS for the questions: Study the following information carefully and answer the questions that follow.**

Of the six men of literature A, B, C, D, E and F being considered here, two belonged to the 19th century, three to the 17th century and one to the 20th century. Four were recognized as great poets, three as great novelists and two as great dramatists. One contributed to Bengali literature, two to Hindi, two to Marathi and one to Tamil.

The 20th century writer wrote poetry only and contributed to Marathi literature. One Hindi writer and the only Tamil writer belonged to the 19th century. The former contributed to poetry and novel while the latter to novel and drama. The Bengali writer belonged to the

17th century and contributed to poetry only. A belonged to the 20th century, B wrote drama only, C contributed to Marathi literature, D was a Hindi poet and novelist and belonged to the 19th century.

**To which language did B contribute?**

- (A) Bengali
  - (B) Hindi
  - (C) Marathi
  - (D) Tamil
  - (E) English
- 

**37. Among these, who was the Tamil writer?**

- (A) A
  - (B) B
  - (C) E
  - (D) F
  - (E) D
- 

**38. To which branch of literature did A contribute?**

- (A) Poetry
  - (B) Novel
  - (C) Drama
  - (D) Drama and Novel
  - (E) Drama and Poetry
- 

**39. Among these, who was the Bengali writer?**

- (A) A
- (B) B
- (C) E
- (D) F
- (E) D

---

**39. Among these, who was the Bengali writer?**

- (A) A
  - (B) B
  - (C) E
  - (D) F
  - (E) D
- 

**40. DIRECTION for the question: Solve the following question and mark the best possible option.**

**Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who is sitting adjacent to S?**

- (A) K and P
  - (B) R and P
  - (C) Only P
  - (D) P and T
  - (E) R and K
- 

**41. DIRECTION for the question: Solve the following question and mark the best possible option.**

**Ravi walks 20 m North. Then he turns right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Then he again turns left and walks 15 m. In which direction and how many metres away is he from his original position?**

- (A) 15 metres West
  - (B) 30 metres East
  - (C) 30 metres West
  - (D) 45 metres East
  - (E) 45 metres West
-

**42. A child is looking for his father. He went 90 metres in the East before turning to his right. He went 20 metres before turning to his right again to look for his father. He saw his uncle's place 30 metres from this point. His father was not there. From here he went 100 metres to the North before turning to his father's house. How far did the son reach from the starting point?**

- (A) 80 metres
  - (B) 100 metres
  - (C) 140 metres
  - (D) 200 metres
  - (E) 90 metres
- 

**43. P, Q, R, S, T, U, V, W are sitting around a round table in the same order, for group discussion at equal distance. Their positions are clockwise. If V sits in the North, then what will be the position of S?**

- (A) East
  - (B) South-east
  - (C) South
  - (D) South-west
  - (E) North
- 

**44. P, Q, R and S are playing a game of carom. P, R and S are partners. S is to the right of R who is facing West. Then Q is facing?**

- (A) North
  - (B) South
  - (C) East
  - (D) West
  - (E) South-west
- 

**45. Three towns P, Q, R and T. Q is to the South-west of P. R is to the east of Q and South-east of P. T is to the north of R in line with QP. In which direction of P is T**

**located?**

- (A) South-east
  - (B) North
  - (C) North-east
  - (D) East
  - (E) West
- 

**46. Eight students A, B, C, D, E, F, G and H are planning to enjoy racing. There are only two cars and following conditions:**

1. One car can accommodate maximum five and minimum four students. 2. B will sit in the same car in which D is sitting but H is not in the same car. 3. C, B and C can't sit in the same car in which D is sitting. 4. D, F will sit in the car for four people only along with A and E but certainly not with G.

**If H and G are sitting in the same car, who are the other two students sitting in the same car?**

- (A) B and C
  - (B) C and D
  - (C) B and D
  - (D) E and B
  - (E) F and A
- 

**47. Direction for the question: Read the following information carefully and answer the question that follows.**

The sum of the incomes of A and B is more than that of C and D taken together. The sum of the incomes of A and C is the same as that of B and D taken together. Moreover, A earns half as much as the sum of the incomes of B and D.

**Whose income is the highest?**

- (A) A
- (B) B
- (C) C

- (D) D
  - (E) A or C
- 

**48. Which of the following statements is not correct?**

- (A) A earns more than B
  - (B) B earns more than D
  - (C) C earns more than D
  - (D) B earns more than C
  - (E) B earns highest income
- 

**48. Which of the following statements is not correct?**

- (A) A earns more than B
  - (B) B earns more than D
  - (C) C earns more than D
  - (D) B earns more than C
  - (E) B earns highest income
- 

**49. If A's income is Rs. 80,000 per annum and the difference between the incomes of B and D be the same as A's income, B's income is?**

- (A) Rs 40,000
  - (B) Rs 60,000
  - (C) Rs 80,000
  - (D) Rs 1,20,000
  - (E) Rs 20,000
- 

**50. DIRECTION for the questions: Following questions are based on the alphabet series given below.**

*A B C D E F G H I J K L M N O P Q R S T U V W X Y Z*

**If the above alphabet is written in the reverse order, which will be the sixth letter to the right of O?**

- (A) F
  - (B) G
  - (C) V
  - (D) W
  - (E) A
- 

**51. If the above alphabet is written in the reverse order, which will be the fifth letter to the left of the ninth letter from the right?**

- (A) P
  - (B) N
  - (C) D
  - (D) W
  - (E) M
- 

**52. DIRECTIONS for the question: In the following question, an alphabet series is given with term/s missing. Choose the correct alternative to replace the question mark in the given series.**

ADVENTURE, DVENTURE, DVENTUR, ?, VENTU

- (A) DVENT
  - (B) VENTURE
  - (C) VENTUR
  - (D) DVENTU
  - (E) ADVENT
- 

**53. DIRECTION for the question: In the following question, a word has been given, followed by four other words, one of which cannot be formed by using the letters of the given word. Find that word.**

PRESIDENTIAL

- (A) DIGITAL
  - (B) ARDENT
  - (C) SLEEP
  - (D) DENTAL
  - (E) PRESIDE
- 

**53. DIRECTION for the question: In the following question, a word has been given, followed by four other words, one of which cannot be formed by using the letters of the given word. Find that word.**

PRESIDENTIAL

- (A) DIGITAL
  - (B) ARDENT
  - (C) SLEEP
  - (D) DENTAL
  - (E) PRESIDE
- 

**55. DIRECTION for the question: Solve the following question and mark the best possible option.**

**How many times will you write even numerals if you write all the numbers from 291 to 307?**

- (A) 11
  - (B) 13
  - (C) 15
  - (D) 17
  - (E) 21
- 

**55. DIRECTION for the question: Solve the following question and mark the best possible option.**

**How many times will you write even numerals if you write all the numbers from 291 to 307?**

- (A) 11
  - (B) 13
  - (C) 15
  - (D) 17
  - (E) 21
- 

**56. Nitin ranks eighteenth in a class of 49 students. What is his rank from the last?**

- (A) 18
  - (B) 19
  - (C) 31
  - (D) 32
  - (E) 33
- 

**57. The train for Lucknow leaves every two and a half hours from New Delhi Railway Station. An announcement was made at the station that the train for Lucknow had left 40 minutes ago and the next train will leave at 18.00 hrs. At what time was the announcement made?**

- (A) 15:30 hrs
  - (B) 17:10 hrs
  - (C) 16:00 hrs
  - (D) 15:50 hrs
  - (E) 16:10 hrs
- 

**59. Mohini went to movies nine days ago. She goes to the movies only on Thursday. What day of the week is today?**

- (A) Thursday
- (B) Saturday
- (C) Sunday
- (D) Tuesday
- (E) Wednesday

---

**60. DIRECTION for the question: In the following question, the given equation becomes correct due to the interchange of two signs. One of the five alternatives under it specifies the interchange of signs in the equation which, when made, will make the equation correct. Find the correct alternative.**

$$5 + 3 \times 8 - 12 = 4 \div 3$$

- (A) + and -
- (B) - and +
- (C) + and  $\times$
- (D)  $\times$  and -
- (E)  $\times$  and  $\div$

---

**61. DIRECTION for the question: In the following question, the given equation becomes correct due to the interchange of two signs. One of the five alternatives under it specifies the interchange of signs in the equation which, when made, will make the equation correct. Find the correct alternative.**

$$18 - 8 + 4 \times 5 \times 2 = 8$$

- (A) + and  $\times$
- (B) and  $\div$
- (C) + and
- (D) and  $\times$
- (E)  $\times$  and  $\div$

---

**62. DIRECTION for the question: In the following question, the given equation becomes correct due to the interchange of two signs.**

$$9 + 5 \times 4 \times 3 - 6 = 12$$

- (A)  $\div$  and  $\times$

- (B) and +
  - (C) + and
  - (D)  $\div$  and
  - (E)  $\times$  and
- 

**63. DIRECTION for the question: Solve the following question and mark the best possible option.**

**In a garden, there are 10 rows and 12 columns of mango trees. The distance between two trees is 2 metres and a distance of one metre is left on all sides of the boundary of the garden. What is the length of the garden?**

- (A) 20 m
  - (B) 22 m
  - (C) 24 m
  - (D) 26 m
  - (E) 28 m
- 

**64. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A father is now three times as old as his son. Five years back, he was four times as old as his son. What is the age of the son (in years)?**

- (A) 12
  - (B) 15
  - (C) 18
  - (D) 20
  - (E) 22
- 

**65. DIRECTION for the question: Solve the following question and mark the best possible option.**

**The 30 members of a club decided to play a badminton singles tournament. Every time a member loses a game, he is out of the tournament. How many matches have been**

**played to determine the winner?**

- (A) 29
  - (B) 61
  - (C) 60
  - (D) 30
  - (E) 31
- 

**66. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A number of friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. The number of those who attended the picnic was?**

- (A) 8
  - (B) 12
  - (C) 16
  - (D) 24
  - (E) 32
- 

**67. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A father tells his son, "I was of your present age when you were born." If the father is 36 now, how old was the boy five years back?**

- (A) 13
  - (B) 15
  - (C) 17
  - (D) 20
  - (E) 27
- 

**68. In a town, 65% of people watched the news on television, 40% read a newspaper and 25% read a newspaper and watched the news on television also. What percent of**

**people neither watched the news on television nor read a newspaper?**

- (A) 5
  - (B) 10
  - (C) 15
  - (D) 20
  - (E) 25
- 

**69. In a group of 15 people, 7 read French, 8 read English while 3 of them read none of these two. How many of them read French and English both?**

- (A) 0
  - (B) 3
  - (C) 4
  - (D) 5
  - (E) 6
- 

**70. According to a certain code:**

1. min gin bin means trains are always late  
2. gin din cin means drivers were always punished  
3. bin cin vin means drivers stopped all trains  
4. din kin vin means all passengers were late

**“Drivers were late” would be written as**

- (A) min cin din
  - (B) gin cin din
  - (C) din bin gin
  - (D) gin bin min
  - (E) din kin fin
- 

**71. Which word is represented by ‘vin’?**

- (A) all
- (B) late
- (C) trains

- (D) drivers
  - (E) always
- 

**72. 'hin min kin' would mean**

- (A) Always late trains
  - (B) Passengers are punished
  - (C) All passenger trains
  - (D) Passengers are late
  - (E) Drivers late trains
- 

**73. DIRECTION for the question: In the following question, three statements are given followed by three conclusions numbered I, II, III. You have to take the given statements to be true even if they seem to have a variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements.**

**Statements:**

Some hills are rivers. Some rivers are deserts. All deserts are roads.

**Conclusions:**

I. Some roads are tigers. II. Some roads are hills. III. Some deserts are hills.

- (A) None follows
  - (B) Only I follows
  - (C) Only I and II follow
  - (D) Only II and III follow
  - (E) All follow
- 

**74. DIRECTION for the question: Solve the following question and mark the best possible option.**

**If it was Saturday on 17th December, 2002 what was the day on 22nd December, 2004?**

- (A) Monday
- (B) Tuesday

- (C) Wednesday
  - (D) Sunday
  - (E) Friday
- 

**75. DIRECTION for the question: The following question consists of five figures marked A, B, C, D and E (Problem Figures) followed by five other figures marked 1, 2, 3, 4 and 5 called the Answer Figures. Select a figure from among the Answer Figures which will continue the same series as established by the five Problem Figures.**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 5
- 

**76. DIRECTION for the question: Select the figure from the Answer Figures which will continue the same series as established by the five Problem Figures.**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 5
- 

**77. DIRECTION for the question: Select a figure from the Answer Figures which will continue the same series as established by the five Problem Figures.**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 5
-

**78. DIRECTION for the question: In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) e
- 

**79. DIRECTION for the question: In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) e
- 

**80. DIRECTION for the question: In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) e
- 

**81. DIRECTION for the question: In the following question, two are the problem figures and the remaining figures are the answer figures. Find the figure which will complete the series.**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 6
- 

**82. DIRECTION for the question: In the following question, identify the figure that completes the series formed by the problem figures.**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 5
- 

**78. DIRECTIONS for the question: In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) e
- 

**78. DIRECTIONS for the question: In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.**

- (A) a
- (B) b
- (C) c
- (D) d

(E) e

---

**79. DIRECTIONS for the question:** In the following problem, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. Choose the figure which is different from the rest.

(A) a

(B) b

(C) c

(D) d

(E) e

---

**81. DIRECTIONS for the question:** In the following question, two are the problem figures and the remaining are the answer figures. Identify the correct figure which continues the series.

(A) 1

(B) 2

(C) 3

(D) 4

(E) 6

---

**82. DIRECTIONS for the question:** In the following question, identify the figure which completes the pattern formed by the problem figures.

(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

---

**83. DIRECTIONS for the question:** In the following question, you are given a figure (X) followed by four alternative figures (a), (b), (c) and (d) such that fig. (X) is embedded in

**one of them. Trace out the alternative figure which contains fig. (X) as its part. If fig. (X) is not embedded in the given alternatives (a), (b), (c) and (d) then choose option (e) None of these.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) None of these
- 

**83. DIRECTIONS for the question: In the following question, you are given a figure (X) followed by four alternative figures (a), (b), (c) and (d) such that fig. (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part. If fig. (X) is not embedded in the given alternatives (a), (b), (c) and (d) then choose option (e) None of these.**

- (A) a
  - (B) b
  - (C) c
  - (D) d
  - (E) None of these
- 

**85. DIRECTION for the question: In the following question, find the number of triangles in the given figure.**

- (A) 11
  - (B) 13
  - (C) 15
  - (D) 17
  - (E) 19
- 

**85. DIRECTION for the question: In the following question, find the number of triangles in the given figure.**

- (A) 11
  - (B) 13
  - (C) 15
  - (D) 17
  - (E) 19
- 

**87. DIRECTION for the question: In the following question, find the number of squares in the given figure.**

- (A) 32
  - (B) 30
  - (C) 29
  - (D) 28
  - (E) 42
- 

**88. DIRECTION for the question: From the given figures marked (1), (2), (3), (4) and (5), select the one which satisfies the same conditions of placement of the dot as in fig. (X).**

- (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
  - (E) 5
- 

**89. DIRECTION for the question: Solve the following question and mark the best possible option.**

**The difference between the local value and the face value of 7 in the number 5826754 is?**

- (A) 5149
- (B) 54681
- (C) 69503
- (D) 75142

(E) 70000

---

**90.  $6/66 + 22/33 + 8/70 + 17 = ?$**

(A) 2376000

(B) 2738000

(C) 2685600

(D) 2716740

(E) 2837700

---

**91. Which one of the following numbers is divisible by 11?**

(A) 4623718

(B) 5822718

(C) 4523718

(D) 8423718

(E) 4833777

---

**92. If the seven digit number  $878p3q4$  is divisible by 225, then the values of p and q respectively are?**

(A) 9 and 3

(B) 9 and 0

(C) 9 and 5

(D) 8 and 5

(E) 9 and 3

---

**93. DIRECTION for the question: Solve the following question and mark the best possible option.**

**If the L.C.M of two numbers is 9570, then their H.C.F. can be**

(A) 6

(B) 12

(C) 19

(D) 23

(E) 10

---

**93. DIRECTION for the question: Solve the following question and mark the best possible option.**

**If the L.C.M of two numbers is 9570, then their H.C.F. can be**

(A) 6

(B) 12

(C) 19

(D) 23

(E) 10

---

**94. Find the least number which when divided by 16, 18, 20 and 25 leaves a remainder 4 in each case, but when divided by 7 leaves no remainder.**

(A) 17004

(B) 18000

(C) 18002

(D) 18004

(E) 16000

---

**95.  $786 \div 24 \times 3 - 6 = ?$**

(A) 0.4

(B) 4

(C) 0.2

(D) 5

(E) 6

---

**96. In a group of buffaloes and ducks, the number of legs is 24 more than twice the number of heads. What is the number of buffaloes in the group?**

(A) 6

- (B) 8
  - (C) 10
  - (D) 12
  - (E) 4
- 

**97. A General wishes to draw up his 3561 soldiers in the form of a solid square. After arranging them, he found that some of them are left over. How many men are left?**

- (A) 65
  - (B) 81
  - (C) 100
  - (D) 36
  - (E) 58
- 

**98. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.5 kg. Find the average weight of all the boys in the class.**

- (A) 47.55 kg
  - (B) 48 kg
  - (C) 48.55 kg
  - (D) 49.25 kg
  - (E) 50.25 kg
- 

**99. The cost price of an article is 60% of the marked price. Calculate the percent gain or loss if it is sold at a discount of 10%.**

- (A) 37.5%
  - (B) 40%
  - (C) 50%
  - (D) 45%
  - (E) 60%
-

**100. Karim lost 25% of a number. What percentage above the number must he add to make it equal to the original?**

- (A) 25
  - (B) 30
  - (C) 40
  - (D) 66.67
  - (E) 50
- 

**101. A, B, C and D together invested Rs 4800 in the ratio 2 : 3 : 4 : 5. What is the share of A?**

- (A) Rs 1200
  - (B) Rs 1320
  - (C) Rs 820
  - (D) Rs 840
  - (E) Rs 4200
- 

**102. A town uses 32000 gallons daily. Reservoir initially contains 37000 gallons and supply lasts 40 days. How much water is supplied daily?**

- (A) 10000 gallons
  - (B) 15000 gallons
  - (C) 18000 gallons
  - (D) 20000 gallons
  - (E) 32000 gallons
- 

**103. 12 men and 8 children complete work in 12 days. Two children leave after 6 days. In how many more days will the work finish?**

- (A) 2 days
- (B) 4 days
- (C) 6 days
- (D) 8 days

(E) 10 days

---

**103. 12 men and 8 children complete work in 12 days. Two children leave after 6 days. In how many more days will the work finish?**

- (A) 2 days
  - (B) 4 days
  - (C) 6 days
  - (D) 8 days
  - (E) 10 days
- 

**105. When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52416 is divided by 0.0168?**

- (A) 3.12
  - (B) 312
  - (C) 3120
  - (D) 31.2
  - (E) 168
- 

**106. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A car travels 39 km in 45 minutes at speed  $x$  km/h for the first 15 minutes, then at double speed for the next 20 minutes and again at the original speed for the remaining time. Find  $x$ .**

- (A) 31.2
  - (B) 36
  - (C) 40
  - (D) 52
  - (E) 39
-

**106. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A car travels 39 km in 45 minutes at speed  $x$  km/h for the first 15 minutes, then at double speed for the next 20 minutes and again at the original speed for the remaining time. Find  $x$ .**

- (A) 31.2
  - (B) 36
  - (C) 40
  - (D) 52
  - (E) 39
- 

**108. DIRECTION for the question: Solve the following question and mark the best possible option.**

**When 52416 is divided by 312, the quotient is 168. What will be the quotient when 52416 is divided by 0.0168?**

- (A) 3.12
  - (B) 312
  - (C) 3120
  - (D) 31.2
  - (E) 168
- 

**109. DIRECTION for the question: Solve the following question and mark the best possible option.**

**A train travels 60 km in 45 minutes. What is the speed of the train in km/hr?**

- (A) 70
  - (B) 75
  - (C) 80
  - (D) 90
  - (E) 85
-

**110. DIRECTION for the question: Find the wrong number in the series**

789, 645, 545, 481, 440, 429, 425

- (A) 645
  - (B) 545
  - (C) 481
  - (D) 440
  - (E) 429
- 

**111. The length of a rectangle is 13 cm and breadth is 10 cm. If length becomes 25 cm while area remains the same, find the new breadth.**

- (A) 7 cm
  - (B) 7.1 cm
  - (C) 7.2 cm
  - (D) 7.3 cm
  - (E) 7.7 cm
- 

**112. Distribution of graduate students among institutes M, N, P, Q, R and S is given. Find the number of graduate students in institutes M and S.**

- (A) 7518
  - (B) 8463
  - (C) 9127
  - (D) 9404
  - (E) 9800
- 

**113. Find the total number of post-graduate students from institutes N and P.**

- (A) 5601
- (B) 5944
- (C) 6669
- (D) 7004

(E) 9127

---

**114. Find the total number of graduate and post-graduate students in institute R.**

- (A) 8320
  - (B) 7916
  - (C) 9116
  - (D) 8372
  - (E) 7004
- 

**114. Find the total number of graduate and post-graduate students in institute R.**

- (A) 8320
  - (B) 7916
  - (C) 9116
  - (D) 8372
  - (E) 7004
- 

**116. In a hotel, 60% had vegetarian lunch, 30% had non-vegetarian lunch and 15% had both. If 96 people were present, how many had neither?**

- (A) 20
  - (B) 24
  - (C) 26
  - (D) 28
  - (E) 30
- 

**117. If the expenditure of Company Y in 2007 was Rs 220 crores, what was its income in that year?**

- (A) Rs 312 crores
- (B) Rs 283 crores
- (C) Rs 297 crores
- (D) Rs 275 crores

(E) Rs 261 crores

---

**118. If incomes of companies X and Y were equal in 2009, find the ratio of expenditures of X and Y in that year.**

- (A) 6 : 5
  - (B) 5 : 6
  - (C) 11 : 6
  - (D) 16 : 15
  - (E) 15 : 16
- 

**119. Which one best reflects the meaning of “male bastions”?**

- (A) Management style of males
  - (B) Management areas dominated by males
  - (C) Careers for males
  - (D) Management abilities of males
  - (E) Careers of women
- 

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  - (C) Careers for males
  - (D) Management abilities of males
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- 

**122. Choose the word nearest to the opposite in meaning of: EXALT**

- (A) Simplify
- (B) Depreciate
- (C) Glorify
- (D) Ennoble
- (E) Appreciate

---

**121. Choose the word nearest to the opposite in meaning of: EXTOL**

- (A) Laud
- (B) Glorify
- (C) Celebrate
- (D) Disparage
- (E) Eulogize

---

**122. Choose the word nearest to the opposite in meaning of: EXALT**

- (A) Simplify
- (B) Depreciate
- (C) Glorify
- (D) Ennoble
- (E) Appreciate

---

**123. Choose the word nearest to the opposite in meaning of: FORLORN**

- (A) Sad
- (B) Woebegone
- (C) Elated
- (D) Pitiably
- (E) Lonely

---

**124. Choose the word nearest to the opposite in meaning of: ASTUTE**

- (A) Cowardly
- (B) Foolish
- (C) Wicked
- (D) Impolite
- (E) Brilliant

---

**125. Choose the word nearest to the opposite in meaning of: ACCLAMATION**

- (A) Denunciation
  - (B) Jubilation
  - (C) Plaudits
  - (D) Applause
  - (E) Honor
- 

**126. The squirrel nest is known as**

- (A) Stable
  - (B) Coop
  - (C) Den
  - (D) Burrow
  - (E) Drey
- 

**127. She used to walk in the evening, ----- ?**

- (A) does she
  - (B) will she
  - (C) was she
  - (D) didn't she
  - (E) won't she
- 

**128. He was weary of failure, ----- ?**

- (A) does he
  - (B) won't he
  - (C) wasn't he
  - (D) isn't he
  - (E) do he
- 

**129. Identify the error in the sentence:**

*It being a holiday (A) all the hostel inmates (B) decided to celebrates (C) by going out to a movie (D).*

- (A) A
  - (B) B
  - (C) C
  - (D) D
  - (E) No error
- 

**130. Identify the error in the sentence:**

*The higher we climb (A) up the mountain peak (B) the colder (C) we feel (D).*

- (A) A
  - (B) B
  - (C) C
  - (D) D
  - (E) No error
- 

**131. Identify the error in the sentence:**

*These facts I say may have been (A) told to me by him (B) but I could not believe (C) them then (D).*

- (A) A
  - (B) B
  - (C) C
  - (D) D
  - (E) No error
- 

**132. Identify the error in the sentence:**

*Neither of the two players (A) was selected (B) because (C) he did not practice (D).*

- (A) A
- (B) B
- (C) C
- (D) D
- (E) No error

---

**132. Identify the error in the sentence:**

*Neither of the two players (A) was selected (B) because (C) he did not practice (D).*

- (A) A
- (B) B
- (C) C
- (D) D
- (E) No error

---

**133. Choose the correct improvement:**

*The employees carry on doing a tedious job which they do not enjoy.*

- (A) tedious wooden chair
- (B) wooden and broken chair
- (C) broken wooden chair
- (D) wooden broken chair
- (E) No improvement

---

**134. Anyone interested in the use of computers can learn much if you have access to a personal computer.**

- (A) one of them have access
- (B) they have access
- (C) anyone can be able
- (D) he or she has access
- (E) No improvement

---

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- (A) one of them have access
- (B) they have access
- (C) anyone can be able

- (D) he or she has access
  - (E) No improvement
- 

**135. Despite his old age, his movements were as agile as a young man.**

- (A) a young man's
  - (B) a young man
  - (C) a young men
  - (D) those of a young man
  - (E) No improvement
- 

**136. Choose the word which best expresses the meaning of the idiom: None of connection**

- (A) The reason of the quarrel
  - (B) The reason for the connection
  - (C) The reason for a relationship
  - (D) The reason for friendship
  - (E) The reason of duty
- 

**137. Choose the word which best expresses the meaning of the idiom: Forty winks**

- (A) A long sleep
  - (B) A siesta
  - (C) Distract
  - (D) Baffle
  - (E) Busy
- 

**139. Choose the word which best expresses the meaning of: Accuses oneself**

- (A) To be foolish
- (B) On good terms
- (C) Compatible
- (D) Acquit

(E) To accuse

---

**139. Choose the word which best expresses the meaning of: Accuses oneself**

- (A) To be foolish
  - (B) On good terms
  - (C) Compatible
  - (D) Acquit
  - (E) To accuse
- 

**140. Read the passage and answer: Why do the two dogs bark at the donkey?**

- (A) They are rude
  - (B) They are shy
  - (C) They get scared
  - (D) They are loyal
  - (E) They are clever
- 

**141. DIRECTION for the question: Read the passage given below and answer the questions that follow.**

**What do the experts need to know for solving sympathy with new forms of expression of reasonably broad humanity as a whole?**

- (A) narrow outlook
  - (B) only expertise
  - (C) narrow range of subjects
  - (D) broad general education
  - (E) focus on their profession
- 

**142. What do the supporters of the first theory say?**

- (A) experts have done nothing to help mankind
- (B) experts have contributed most to progress in the modern world
- (C) people with general knowledge are more useful than experts

(D) people with general knowledge have contributed to civilization

(E) people with general knowledge have not contributed to civilization

---

**143. Fill in the blank with the correct preposition:**

*The leaders hoped that the two countries could profit ----- each other's experience.*

(A) from

(B) by

(C) with

(D) through

(E) No error

---