MAH MBA CET 2024 Question Paper PDF

Logical Reasoning

Question 1) Given a Senes 25,49, 121,169, ?
Find what number would come in place of the question mark(?).
1) 289
2) 225
3) 300
4) 250
5) 361

Question 2) If DELHI iS coded as CCIDD, how would you encode BOMBAY?
1) WXYZAX
2) AMJXVS
3) AJMTVT
4) MJXVSU
5) ATTMUX

Question 3) Som boys are Sitting •n a line. Manohar IS at 17th place from left and Surendra is at 18th place from the right There are 8 boys between them. How many boys are there in the line?
1) 40
2) 43
3) 41
4) 44
5) 42

Question 4) How many independent words can 'HEARTLESS' be divided into without changing the order of the letters and using each letter only once?
1) 3
2) 2
3) 1
4) 4
5) 5

Question 5) If SYSTEM is coded as SYSMET and NEARER as AENRER, then FRACTION will be coded as
1) FRACNOIT
2) NOITFRAC
3) CARFNOIT
4) CARP-TION

5) TIONFRAC

Question 6) How many such pairs of digits are there in the number 95137248 each of which has as many digits between them in the number as when they are arranged in ascending order?
1) 4
2) 3
3) 1
4) 5
5) 2

Question 7) Look carefully for the pattern, and then choose which pair of numbers comes next 7 9 66 12 14 66 17
1) 19 22
2) 66 19
3) 19 66
4) 22 66
5) 66 22

Question 8) In a large group of 20 adults, there are 8 males and 9 vegetarians Find the number of female non-vegetarians if the group contains 5 male vegetarians.
1) 5
2) 12
3) 8
4) 6
5) 10

Question 9) If South-East becomes North, North-East becomes West and so on. What will West become?
1) South-East
2) North-West
3) North-East
4) South-West
5) South

Question 10) In a certain coding system, '816321' means 'the brown dog tngntened the cat; '64851' means •the frightened cat ran away: '7621' means 'the cat was brown: '341' means •the dog ran'. What is the code for 'frightened'?
1) 6
2) 4
3) 2
4) 8
5) 1

Quantitative Aptitude

Question 1) Find the 1st term of an AP whose 8th and 12th terms are 39 and 59 respectively.
1) 6
2) 4
3) 2
4) 3
5) 9

Question 2) If 1461 is divisible by 5n, then find the maximum value of n
1) 37
2) 35
3) 32
4) 36
5) 30

Question 3) The distance from Y to Z is thrice that from X to Y Two trains A and B travel from X to Z via Y The speed of train B is double that of train A while traveling from X to Y and their speeds are interchanged while traveling from Y to Z The ratio of the time taken by tran A to that taken by train B •n traveling from X to Z is?
1) 7.9
2) 8.7
3) 5.7
4) 3.5
5) 4.9

Question 4) Out of a pack of 52 cards one IS lost, from the remainder of the pack cards are drawn and are found to be spades. Find the chance that the missing card is a spade.
1) 10/49
2) 11/50
3) 11/52
4) 10/50
5) 12/52

Question 5) Find the length of the plank which can be used to measure exactly the lengths 4 m 50 cm, 9 m 90 cm, and 16 m 20 cm in the least time.
1) 90 cm
2) 60 cm
3) 80 cm
4) 70 cm
5) 100 cm

Question 6) At what time between 9 o'clock and 10 o'clock Will the hand of a clock point in the opposite direction?
1) 16(6/11) minutes past 9

2) 15(5/11) minutes past 9
3) 16(4/11) minutes past 9
4) 14(4/11) minutes past 9
5) 16(5/11) minutes past 9

Question 7) A watch that gains 5 seconds In 3 minutes was set night at 7:00 am In the afternoon of the same day when the watch indicated a quarter past 4 0'clock, the true time is
1) 4:03 p.m.
2) 4:02 p.m.
3) 4:00 p.m.
4) 4:05 p.m.
5) 4:08 p.m.

Question 8) How many terms are there In the AP 20, 25, 30, ………., 130?
1) 25
2) 23
3) 21
4) 20
5) 22

Question 9) A bag contains 5 red, 4 green, and 3 black balls. Three balls are drawn out from It at random. Find the probability of drawing exactly 2 red balls.
1) 7/12
2) 5/12
3) 7/21
4) 5/22
5) 7/22

Question 10) Time required by two pipes A and B working separately to fill a tank is 36 seconds and 45 seconds respectively Another pipe C can empty the tank in 30 seconds Imtially, A and B are opened and after 7 seconds, C is also opened. In how much more time the tank would be completely filled?
1) 33 seconds
2) 39 seconds
3) 34 seconds
4) 37 seconds
5) 32 seconds