

MAH MBA CET

QUESTION PAPER - 2023

Memory Based



Dear students

This is a memory based question paper.

We have compiled this question paper on the basis of questions shared after the exam.

Also, answers are unofficial.

We hope this helps you in clearing your exam with an excellent score.

It is an honor for us to be a part of your journey towards success.

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Qs1. A bag contains 1 rupee, 50 -paise and 25- paisa coins in the ratio of 8:5:3. If the total amount of money in the box is Rs 112.5, the number of 50 paise coin is

- A) 25
- B) 50
- C) 80
- D) 30
- E) 42

Correct answer : B

Qs2. x number of boosters checked into a hotel, but found that the rooms (y in number) were too few for each to have one. Two rooms would remain vacant if each room were occupied by 2 and 7 rooms would remain vacant if each were occupied by 4.What is x-y?

- A) 10
- B) 12
- C) 16
- D) 9
- E) 8

Correct answer :E

Qs3. If today is Sunday, what will be the 7775th day from today?

- A) Monday
- B) Tuesday
- C) Wednesday
- D) Thursday
- E) Friday

Correct answer : E

Qs4. Tanuja takes a big cube whose sides are 4 cm each and cuts them equally into smaller cubes having sides which are 1 cm each. How many smaller cubes will he get?

- A) 32

- B) 64
- C) 128
- D) 48
- E) 96

Correct answer : B

Qs5. The position of how many digits in the number 523169 will remain unchanged if the digit within the number is written in ascending order from left to right?

- A) 3
- B) 4
- C) 0
- D) 1
- E) 2

Correct answer : B

Qs6. Mantre's faulty compass shows west as North -East, north as south - east . What direction shall it actually be when it shows South - west?

- A) N-E
- B) W
- C) S-E
- D) E
- E) S-W

Correct answer : D

Qs7. If Vishal is to be south of virat and Vani is to be east of Virat.Which direction is Vani located with respect to Vishal?

- A) E
- B) N-W
- C) S-E
- D) S
- E) N-E

Correct answer : E

Qs8. Quinine throws 2 ordinary dice and notices that the number on the sides that lie exactly opposite to the sides that face her are 3 and 6 respectively. What shall be the sum total of the number faces of both the dice?

- A) 9
- B) 7
- C) 6
- D) 5
- E) 11

Correct answer :D

Qs9. A 4 digit number is formed by using only the digits 1,2 and 3 such that both 2 & 3 appear at least once. The number of all such 4-digits numbers shall be which of the following?

- A) 24
- B) 64
- C) 27
- D) 30
- E) 50

Correct answer :E

Qs10. How much does an ordinary wall clock go or lose per 24 hours if its hands coincide every 64 minutes?

- A) Lose $8\frac{2}{3}$
- B) Lose $28\frac{1}{7}$
- C) Lose $17\frac{18}{13}$
- D) Lose $32\frac{3}{4}$
- E) Lose $32\frac{8}{11}$

Correct answer : E

Qs11. A company offer 5 types of successive discounts

1. Offer 1-5% & 30%
2. Offer 2-10% & 25%
3. Offer 3-40% & 5%
4. Offer 5-10% & 10%

Determine which offer is best for a customer?

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

Correct answer : D

Qs12. Akash leaves his hostel & walks 6 km towards west, he then walks 2 km north & further 6 km towards East. What will be the final position of Akash with reference to his starting point?

- A) 2 km North
- B) 2 km West
- C) 2 km sS-W
- D) 2 km East
- E) 2 km South

Correct answer : A

Qs13. 125 small identical cubes have been put together to form a large cube. How many such small cubes shall be needed to cover this large cube completely?

- A) 276
- B) 248
- C) 28
- D) 244
- E) 218

Correct answer : E

Qs14. An English calendar for a leap year repeats itself after a gap of at least how many years?

- A) 7
- B) 12
- C) 28
- D) 96
- E) 8

Correct answer : C

Qs15. 2 men, A & B run a 4 km race on a circular shaped course of $\frac{1}{4}$ km. If their speeds are in the ratio of 5:4, how often does the winner pass the other?

- A) 4 times
- B) Thrice
- C) Once
- D) Twice
- E) Five time

Correct answer : B

Qs16. If Charlie cannot go to market on Thursdays, Friday & Mondays & the markets remain closed on Sundays. On what date can he go earliest if he wants to visit the market on 2 consecutive days. If the last time he went to the market was on 27th of July of a particular year which was a Wednesday?

- A) 30th July
- B) 31st July
- C) 1st August
- D) 2nd August
- E) 3rd august

Correct answer : D

Qs17. Which of the following year will have the same calendar exactly as 2009?

- A) 2011
- B) 2016
- C) 2013
- D) 2015
- E) 2014

Correct answer : D

Qs18. An ordinary cube of 8 cm each is painted on all its sides and later cut into identical smaller cubes having sides 2 cm each. How many of such smaller cubes shall not be coloured at all?

- A) 16
- B) 12
- C) 20
- D) 6
- E) 8

Correct answer : E

Qs19. Five classmates normally Ikky, Hinny, Honey, Jinny, Kenny get their exam results. Further it is noted that I scored more than K. J scored less than G. However, who gets more marks than kenny & Jinny. Found out who amongst the following has the lowest marks?

- A) H
- B) I
- C) K
- D) G
- E) H & I

Correct answer : C

Qs20. If a seller sells the goods at a discount of 15% on MRP. He makes a profit of 2%. Which of the following conditions shall ensure that the said seller shall be able to make a profit of 20%?

- A) 5% discount on MRP

- B) 2% discount on MRP
- C) Increase MRP by 2%
- D) 1% discount
- E) Sell at MRP

Correct answer : D

Qs21. Radhe & Shyam started from the same point of 28 km long circular path & began to drive at the speed of 9 km/hr & 5km/hr respectively. If they travel in the opposite direction, then after what time will Radhe & Shyam meet each other?

- A) 2 hrs
- B) 2 hrs 30 min
- C) 1 hour 30 min
- D) 4 hrs
- E) 7 hrs

Correct answer : A

Qs22. A box consists of 2 red, 3 green and 2 blue balls. What is the probability that the balls drawn are not blue?

- A) $\frac{2}{7}$
- B) $\frac{1}{9}$
- C) $\frac{9}{20}$
- D) $\frac{2}{15}$
- E) $\frac{16}{21}$

Correct answer : E

Qs23. Mira and Amal walk a circular track, starting from the same point at the same time. If they walk in the same direction then in 45 min, Amal completes exactly 3 more rounds than mira. If they walk in opposite directions, they meet for the first time exactly after 3 minutes. The number of hours mira walk in 1 hour is:

- A) 2
- B) 4
- C) 12

- D) 10
- E) 8

Correct answer : C

Qs24. What relationship should mahir's father have with mahir's father's mother's daughter's only nephew

- A) Father
- B) Uncle
- C) Grandfather
- D) Nephew
- E) Brother

Correct answer : A

Qs25. A correct clock shows 9 o'clock in morning, though how many degrees will the hour rotate when the clock shows 3 o'clock on the same afternoon?

- A) 144 degree
- B) 154 degree
- C) 160 degree
- D) 150 degree
- E) 180 degree

Correct answer : E

Qs26. All the students in a particular class in a primary school are standing in a straight line, one behind the other. If Atulya is 21st from the ends, find the number of students studying

- A) 40
- B) 42
- C) 43
- D) 44
- E) 41

Correct answer : E

Qs27. 4 machines in a factory. At 8 pm, when the mechanic is about to leave the factory, he is informed that 2 of 4 machines are & not working properly. Mechanic is in a hurry & decides he will identify the 2 machines before going home, and repairs them next morning. It takes him 20 minutes to walk to the bus stop. The lost bus leaves exactly at 8:32 pm. If it takes 6 minutes to identify whether a machine is defective or not, & if he decides to check the machines at random, what is the probability that the mechanic will be able to catch the lost bus?

- A) 1
- B) 0
- C) $\frac{1}{6}$
- D) $\frac{1}{3}$
- E) $\frac{1}{4}$

Correct answer : D

Qs28. If Sunetra was to visit the temple which is located towards the exact east. How many degrees would she have to turn to her right side if she was facing the exact North-West when she begins the journey in order to face East?

- A) 90 degree
- B) 105 degree
- C) 120 degree
- D) 135 degree
- E) 225 degree

Correct answer : D

	Male	Vegetarian
Class 12	0.6	0.54
11	0.55	0.5
secondary	0.275(288)	0.55(352)
total	0.475	0.53

Qs29.

The proportion of male students and the proportion of vegetarian students are given below.

The school has a total of 800 students 80% of whom are in the secondary section and the rest equally divided between 11 and 12.

Determine the percentage of male students in the secondary section.

- A) 20%
- B) 45%
- C) 40%
- D) 35%
- E) 30%

Correct answer :B

Qs30. If 21st dec, happens to be a Wednesday, what shall be the 50th day after 21st Dec?

- A) Wed
- B) Thus
- C) Sun
- D) Tue
- E) Fri

Correct answer : B

Qs31. On rolling a dice twice, calculate the probability of when it will land on either 4 or on odd number, both the times?

- A) $\frac{7}{8}$
- B) $\frac{4}{9}$
- C) $\frac{11}{15}$
- D) $\frac{5}{26}$
- E) $\frac{1}{16}$

Correct answer : B

Qs32. Looking a photo. Aamir says that, "this person is the mother-in-law of my only daughter-in-law". How is Aamir related to the pension in the photo?

- A) Uncle
- B) Father-in-law

- C) Brother
- D) Son
- E) Husband

Correct answer : E

Qs33. Average of 5 numbers 107,90,06,51.2,210.24,112.75, is how much more than the lowest number?

- A) 63.05
- B) 64.25
- C) 61.75
- D) 64.05
- E) 62.85

Correct answer : D

Qs34. A merchant has 1000 kg sugar, part of which he sells at 8% profit & rest at 18% profit, he gains 14% on the whole the Quality sold at 18% profit is

- A) 400 kg
- B) 440
- C) 500
- D) 640
- E) 600

Correct answer : E

Qs35. Anil can paint a house in 12 days while Barun can paint it in 16 days. Anil, Barun & Chandu undertake 1/10 paint the house for 24000 & all the 3 of them together complete the painting in 6 days. If Chandu is paint in proportion to the work done by him then the amount received by him is

- A) 3000
- B) 3200
- C) 2400
- D) 1200
- E) 3300

Correct answer : A

Qs36. A man tossed 2 dice. What is the probability that the total score is a prime number?

- A) $\frac{1}{4}$
- B) $\frac{4}{13}$
- C) $\frac{5}{24}$
- D) $\frac{5}{12}$
- E) $\frac{13}{14}$

Correct answer : D

Qs37. Pick the odd one out?

- A) Friendship, enmity
- B) Wisdom, folly
- C) Devolution, loathing
- D) Often, seldam
- E) Loyalty, treachery

Correct answer : B

Qs38. If 50% of (x - y) = 30% of (x - y) what percent of x is y?

- A) 12.25%
- B) 12.33%
- C) 15.66%
- D) 33.33%
- E) 25%

Correct answer : E

Qs39. arun's present age is 40% of Barun's. In another few years Arun's age will be half of Barun's. By what percentage will Barun's age increase during this period?

- A) 15

- B) 18
- C) 20
- D) 50
- E) 25

Correct answer : C

Qs40. Length of the longest rod that can be placed in a room 30 m long, 24 m broad and 15 m high is?

- A) $15\sqrt{2}$ m
- B) 60 m
- C) $33\sqrt{2}$ m
- D) $27\sqrt{2}$ m
- E) $30\sqrt{2}$ m

Correct answer : E

Qs41. Direction (1-5): Read the information given carefully and answer the Qsuestions that follow:

There are seven members (Racer, Rainbow, Rebel, Reign, Rocket, Rogue, and Reitman) in a family. There are two couples in the family. Reitman's wife is the sister-in-law of Rogue, who is the daughter-in-law of Rainbow. Racer is the nephew of Reitman, who is the son-in-law of Rainbow. Rainbow is the grandfather of Rebel.

1. Which pair among the following is a couple?

- A) Reign and Racer
- B) Racer and Rogue
- C) Reign and Rogue
- D) Reitman and Rogue
- E) None of the above

Correct answer : B

2. What is the relationship of Rebel with Rogue?

- A) Rebel is the son of Rogue
- B) Rebel is the nephew of Rogue
- C) Rebel is the niece of Rogue
- D) Rebel is the daughter of Rogue
- E) Cannot be determined

Correct answer : E

3. Which pair among the following are siblings?

- A) Rebel and Rocket
- B) Reitman and Rogue
- C) Racer and Reign
- D) Reitman and Racer
- E) None of the above

Correct answer : C

4. For how many people in the family can the gender of the family member be uniquely determined?

- A) 3
- B) 4
- C) 5
- D) 6
- E) 7

Correct answer : D

5. Which of the following statements is true?

- A) The number of males is more than the number of females in the family
- B) The number of females is more than the number of males in the family
- C) The number of females is equal to the number of males in the family
- D) The number of females are either more than or equal to the number of males in the family

- E) The number of females are either less than or equal to the number of males in the family

Correct answer :A

Qs42. Direction (6 - 10): Read the information given carefully and answer the Questions that follow:

Five persons P,Qs,R,S and T are among a football player, a chess player and a hockey player. P & S are unmarried ladies and do not participate in any game. None of the ladies play chess or football. There is a married couple in which the husband Qs is the brother of R. Qs is neither a chess player nor a hockey player.

6. Who is the chess player?

- A) R
- B) Qs
- C) T
- D) S
- E) Cannot be determined

Correct answer : A

7. Who is the hockey player?

- A) R
- B) Qs
- C) T
- D) S
- E) Cannot be determined

Correct answer : C

8. Who is the football player?

- A) R
- B) Qs
- C) S

- D) T
- E) Cannot be determined

Correct answer : A

9. Who is the wife?

- A) R
- B) T
- C) P
- D) S
- E) None of these

Correct answer : B

10. Who are the ladies?

- A) R,P,S
- B) R,T,P
- C) T,P,S
- D) R,T,P,S
- E) Cannot be determined

Correct answer :C

Qs43. Direction : study the information given below carefully and answer the Questions that follow.

The symbol codes given below denote the relation of one family member with the other.

'A * B' means A is the mother of B

'A + B' means A is the brother of B

'A = B' means A is the wife of B

'A ^ B' means A is the son of B

How is D related to W if $M * W = H + S^D$?

- A) Father

- B) Brother
- C) Uncle
- D) Sister
- E) None of the above

Correct answer : E

Qs44. Pointing to a lady on the platform Manju said “ She is the sister of the father of my mother’s son”. How is the lady related to Manju?

- A) Mother
- B) Sister
- C) Aunt
- D) Niece
- E) Grandfather

Correct answer : C

Qs45. X introduces Y saying “He is the husband of the father of my father”. How is Y related to X?

- A) Brother
- B) Son
- C) Brother-in-law
- D) Nephew
- E) Sister-in-law

Correct answer : C

Qs46. Men : Biography then nation : ?

Correct answer : History

Qs47. Doctor : Diagnose then Judge : ?

Correct answer : Judgment

Qs48. Reading : knowledge then working : ?

Correct answer : Experience

Qs49. $A+B=18$, $B+C=24$, $C+A=30$, then $A+B+C=?$

Correct answer : 18

Qs50. Sum of Odd numbers is 196 the find the sum of even numbers is?

Correct answer : 210

Qs51. Glucose : Carbohydrates than Sugar : ?

Correct answer : Protein

Qs52. Select the Odd one : Kiwi : Eagle : Emu : Ostrich?

Correct answer : Eagle

Qs53. Select the Different one, Hostel : Hotel : Inn : Club?

Correct answer : D

Qs54. If Nepal is 3rd position and China is 1st position then India is

Correct answer : 2/4

Qs55. LUTE is MUTE, FATE is GATE then BLUE is

Correct answer : CLUE

Qs56. Which having not perfect square

Correct answer : 9×5

Qs57. $a = b+2$, a and b are prime , then find how many prime numbers from a hundred places.

Correct answer : 8

Qs58. a16,30b, HCF =18, then LCM=?

Correct answer : 6

Qs59. P and Qs work together and the ratio is 2:3, and both work together in 24 days, then how much time it takes to complete plaster?

Correct answer : 40 minutes

Qs60. Which of the numbers when we divide 5,6,7,8,9 and reminder 4,5,6,7,8 is held?

Correct answer : 2519

Qs61. $\frac{5}{8}$, $\frac{15}{16}$, $\frac{25}{36}$ find the HCF and LCM?

Correct answer : $\frac{75}{4}$ (LCM)

Qs62. Clock 5 to 6, when 70 degrees will be made?

Correct answer : 5:40

Qs63. 180, 216, 324 , then HCF = ?

Correct answer : 36

Qs64. Largest four digit number is

Correct answer : 9999

Qs65. From 31 to 40, how many numbers are coprime within 73?

Correct answer : 73