

003 - Aptitude Development-II

P. Pages : 3

Time : Two Hours



GUG/W/24/14294

Max. Marks : 60

- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.

1. a) Evaluate 3
i) $475 \times 475 + 125 \times 125$
- b) The body weight of six boys is recorded as 54 kg, 64 kg, 75 kg, 67 kg, 45 kg and 91 kg. 3
What is the average body weight of all six boys?
- c) The sum of Two Number is 184. If one third of one exceeds one-seventh of the other by 8, 3
find the smaller number?
- d) Express each of the following as a decimal. 3
i) 6% ii) 28% iii) 0.2% iv) 0.04%

OR

- a) Evaluate 3
i) $986 \times 137 + 986 \times 863$ ii) $983 \times 207 - 983 \times 107$
- b) Find the average of first 40 Natural numbers. 3
- c) Find a number such that when 15 is subtracted from 7 times the numbers, the result is 10 3
more than twice the number.
- d) An Inspector rejects 0.08% of the meters as defective How many will be examine to reject 3
2?
2. a) Read the following information carefully and answer the questions given below. 12

Seven friends Kamla, Manish, Rohit, Amit, Gaurav, Pritam and Priya are sitting in a circle. Kamla, Manish, Rohit, Amit, Pritam and Priya are sitting at equal distances from each other. Rohit is sitting two places right of Pritam, who is sitting one place right of Amit. Kamla forms an angle of 90 degrees from Gaurav and angle of 120 degrees from Manish. Manish is just opposite Priya and sitting on the left of Gaurav.

- 1) Which of the following statements is not correct.
A) Gaurav is sitting opposite Pritam.
B) Pritam is between Manish and Kamla.
C) Manish is two places away from Priya.
D) All of the above

- 2) The angle between Gaurav and Manish in the clockwise direction is
 A) 150°
 B) 180°
 C) 210°
 D) None of these
- 3) Gaurav is sitting ----- of Priya.
 A) To the left
 B) To the right
 C) Two places right
 D) Four places right
- 4) Gaurav is not sitting at equal distance from
 A) Manish and Pritam
 B) Amit and Kamla
 C) Rohit and Pritam
 D) all of the above

OR

- b) Direction : The questions are based upon the following six 3 – letter words. **12**
 TRE POK OWL ARE SIN UTE

- a) If 'C' is added in the beginning of the words that start with a vowel, then how many meaningful English words can be formed?
 A) One
 B) Two
 C) Three
 D) None
 E) None of these
- b) If all the letters are arranged as per alphabetical order (within the words) then how many letters (in the English alphabet series) are between the middle letter of third word from right end and second word from left end?
 A) 5
 B) 8
 C) 8
 D) 1
 E) 9
- c) If 'E' is added in the end of the words that start with consonant, then how many meaningful English words can be formed that end with 'E'?
 A) One
 B) Two
 C) Three
 D) Four
 E) Five
- d) How many meaningful English words can be formed if first and third letters of all the words are interchanged (within the words)?
 A) None
 B) None
 C) Two
 D) More than three
 E) None of these

3. a) What are the basic of vocabulary Explain type of vocabulary. 12

OR

b) Define critical Reasoning. Discuss the process to solve the critical reasoning question. 12

4. a) What is verbal Reasoning? What are the five basic comprehension question with example. 12

OR

b) What is Analytical Reasoning. Describe type of Analytical Reasoning. 12

5. Write short note.

a) What is Reading. Write its key components? 3

b) Explain comprehension. 3

c) The average of 2, 7, 6 and x is 5 and the average of 18, 1, 16, x any y is 10 what is the value of y? 3

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|-------|-------|
| a) 5 | b) 10 |
| c) 20 | d) 30 |

d) In Expressing a length 81.472 km as nearly as possible with three significant digits. Find the percentage error. 3
