



**INDIAN INSTITUTE OF MANAGEMENT VISAKHAPATNAM**  
**Post Graduate Program in Digital Governance and Management (PGPDGM)**

The Admission Test shall consist of questions that evaluate a candidate's Logical reasoning ability, Quantitative aptitude and knowledge of English language (verbal ability). A set of sample questions that illustrate the nature of the test is provided.

**LOGICAL AND REASONING ABILITY**

1. A is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is A related to D?

- a) Grandfather b) Grandmother c) Daughter  
d) Granddaughter e) None of these

**Ans: d**

2. In a row of children facing North, Seema if shifted to her right by four places becomes eighteenth from the right end of the row. Sudhakar, who is fifteenth from the left end of the row, is fifth to the left of Seema. How many children are there in the row?

- a) 42 b) 38 c) 41 d) 39 e) None of these

**Ans: c**

3. If in a certain code language 'CLUB' is written as 'XOFY', 'NOT' is written as 'MLG', then how will 'PUNCTUAL' be written in that code language?

- a) KFMGXZFO b) KFMXGZFO c) KFMXGFZO  
d) KFMXGFOZ e) None of these

**Ans: c**

4. Read the following information carefully and answer the question given below.

Six executives Akash, Bipasha, Deepak, Jyoti, Kartik and Priya have to advertise four products, i.e. Soap, watches, computers and chocolates on 3 different channels i.e. go, one and spice either alone or in pairs. An executive can visit only one channel and advertise only one product. Not more than two executives can advertise on a channel.

- (i) Bipasha and Jyoti both visit the same channel but advertise different product  
(ii) Akash who visits 'Go' advertises neither soap nor computers  
(iii) Kartik does not advertise chocolates  
(iv) No girl advertises soap  
(v) The two executives who advertise chocolates visit spice

Which of the following channel product pairs is definitely incorrect?

a) Go-watch b) One-computer c) Go-soap d) One-soap e) One-watch

**Ans: d**

5. In this question four statements are given followed by five conclusions, one of which definitely **does not logically** follow (or is not a possibility of occurrence) from the given statements. That conclusion is your answer.

Statements:

Some stars are planets.

No planet is an earth.

All earths are universes.

No moon is a star.

Conclusions:

a) Some planets are stars.

b) All universe being planets is a possibility.

c) Some planets are not moons.

d) All universes being an earth is a possibility.

e) Some stars are not earths.

**Ans : b**

### **VERBAL ABILITY**

1. Choose the word which is nearly same in meaning to the word given below.

OBSOLETE

a) Discarded b) Contemporary c) In vogue d) Temporary e) Perennial Direction

**Ans : a**

2. The question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

Sceptics would not \_\_\_\_ that the earth actually moves, let alone that it \_\_\_\_ around the sun.

a) permit, orbits

b) accept, revolves

c) experience, circles

d) assume, went

e) challenge, spins

**Ans: b**

3. Read each sentence to find out if there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors in punctuation, if any).

Having acquired some experience (a) / she is no longer (b) / one of those who believes (c) / every explanation she is given. (d) / No error (e)

**Ans: c**

4. Which of the phrases (a), (b), (c) and (d) given below should replace the phrase given in bold in the following sentence to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and 'No correction required', mark (e) as the answer.

Most teenagers these days **prefer play** cricket to pursuing other hobbies.

- a) preferably played
- b) prefer playing
- c) preferred to playing
- d) prefer to play
- e) No correction required

**Ans : b**

5. Choose the word which is most nearly by the SAME in meaning as the word given below.

ACCOMPLICE

- a) Co-traveller b) Collaborator c) Controller d) Coordinator e) Commuter

**Ans : b**

### QUANTITATIVE ANALYSIS

1. An article when sold for Rs.200 fetches 25% profit. What would be the percentage profit/loss if 6 such articles are sold for Rs.1056?

- a) 10% loss b) 10% profit c) 5% loss d) 5% profit e) None of these

**Ans : b**

2. A sum of money is to be divided among A, B and C in the ratio 2 : 3 : 7. If the total share of A and B together is Rs.1500 less than C, what is A's share in it?

- a) Rs.1000 b) Rs.1500 c) Rs.2000 d) Data sufficient e) None of these

**Ans : b**

3. What approximate value should come in place of the question mark (?) in the following question?

$$\sqrt{876} \times 20.6 + 165.34 = ?$$

- a) 700 b) 686 c) 775 d) 846 e) 745

**Ans: c**

4. 16 men can complete a piece of work in 8 days. In how many days can 12 men complete the same piece of work?

- a) 10 b)  $9\frac{1}{3}$  c)  $10\frac{2}{3}$  d) Can't be determined
- e) None of these

**Ans : c**

5. If the numerator of a fraction is increased by 200% and the denominator is increased by 160%, the resultant fraction is  $\frac{7}{13}$ . What is the original fraction?

a)  $\frac{7}{15}$  b)  $\frac{2}{15}$  c)  $\frac{8}{15}$  d)  $\frac{5}{7}$  e) None of these

**Ans : a**