



**Executive MBA**  
**Department of Management Studies**  
**IIT Madras**  
**Chennai 600 036**

**These questions are only for illustrative purpose.**

**Question 1-5: Read the following paragraph carefully and answer the questions.**

Yamini, Rekha, Smriti, Shalini and Medha decide to buy a flat. A real estate broker shows them five flats A, B, C, D, and E of 1500, 1200, 1000, 800 and 600 square feet respectively with a price of Rs.1000 per sqft. While the first two flats are in the first floor, the rest are in the second. Yamini wants a flat that is more than 1000 sqft while Rekha and Medha are looking for a flat costing less than 10 lakhs. Smriti prefers a 1<sup>st</sup> floor flat while Shalini has no constraints or preferences. Answer the following questions.

1. Who gets Flat C?

- (A) Yamini
- (B) Shalini
- (C) Smriti
- (D) Rekha

2. If Yamini gets Flat B, then who gets Flat A?

- (A) Medha
- (B) Shalini
- (C) Smriti
- (D) Rekha

3. If Rekha gets Flat D, what does Medha get?

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

4. If Smriti gets Flat A, who could be the occupants of B and C?

- (A) Rekha, Shalini
- (B) Shalini, Yamini
- (C) Yamini, Rekha
- (D) Yamini, Shalini

5. Which among the following is not possible as occupants of flats A, B, C, D, and E (in that order)?

- (A) Smriti, Shalini, Yamini, Rekha, Medha
- (B) Smriti, Yamini, Shalini, Medha, Rekha
- (C) Yamini, Smriti, Shalini, Rekha, Medha
- (D) Smriti, Yamini, Shalini, Rekha, Medha

6. Four whistles blow at intervals of 6, 8, 12, and 18 seconds. They start blowing simultaneously at 12 O'clock. In how much time will they blow again simultaneously?
- (A) 26 seconds
  - (B) 30 seconds
  - (C) 72 seconds
  - (D) 36 seconds
7. Sachin increases his batting average by 2 when he makes 63 runs in his 12<sup>th</sup> innings. What is his average after 12 innings?
- (A) 30
  - (B) 31
  - (C) 40
  - (D) 41

**Questions 8-10: Read the following paragraph carefully and answer the questions.**

The microwave oven has become a standard appliance in many kitchens, mainly because it offers a fast way of cooking food. Yet, some homemakers believe that the ovens are still not completely safe. Microwaves, therefore, should not be standard appliances until they are more carefully researched and tested.

8. Which one of the following, if true, would most weaken the conclusion of the passage above?
- (A) Homemakers often purchase items despite knowing they may be unsafe.
  - (B) Those Homemakers in doubt about microwave safety ought not to purchase microwaves.
  - (C) Research and testing of home appliances seldom reveal safety hazards.
  - (D) Microwaves are not as dangerous as steam irons, which are used in almost every home.
9. Which one of the following, if true, would most strengthen the conclusion of the passage above?
- (A) Homemakers often doubt the advertised safety of all new appliances.
  - (B) Speed of food preparation is not the only concern of today's homeowner.
  - (C) Modern Homemakers have more free time than ever before.
  - (D) Many microwave ovens have been found to leak radioactive elements.
10. Find the color concealed in this sentence: "You'll find I got it elsewhere".
- (A) Red
  - (B) Orange
  - (C) Indigo
  - (D) Yellow

**Directions for Questions 11-12:** There are two blanks in the sentences given. From the pair of words given, choose the one that fills the blanks most appropriately. The first word in the pair should fill the first blank.

11. The present time seems ..... to bad ideas. In the process of throwing off the shackles of tradition, we have ended up being quite ..... incipient theories and untested solutions.

- (A) hospitable....vulnerable to
- (B) hostile....tolerant of
- (C) prone....wary of
- (D) impervious .... exposed to

12. As humans and their ancestors ..... over millions of years, their fitness for survival gained ..... in terms of intelligence and the ability to acquire various skills.

- (A) developed....importance
- (B) evolved....prominence
- (C) lived....significance
- (D) survived .... Sustenance

13. What is the nature of demand over a year for the following product?



- (A) Seasonal
- (B) Steady
- (C) Random
- (D) Intermittent

14. Economic growth is usually coupled with

- (A) Deflation
- (B) Inflation
- (C) Stagflation
- (D) Hyperinflation

15. In an investment situation, we are given below three streams of cash inflow. The cash inflows are in the order of year 1 (Y1), year 2 (Y2) and year 3 (Y3). Assume that interest rates are greater than zero.

- (i) 700 in Y1, 500 in Y2, 300 in Y3
- (ii) 300 in Y1, 500 in Y2, 700 in Y3
- (iii) 500 in Y1, 400 in Y2, 700 in Y3

For the above scenario, the best answer is:

- (A) Cash inflow (i) is to be preferred than (ii) if the interest rates are the same across years.
- (B) Cash inflow (i) and (ii) must be equally preferred because they both total to 1500
- (C) Cash inflow (iii) must always be the preferred option, since the total inflow is 1600
- (D) Cash inflow (i) is to be always preferred to inflow (ii)
- (E) More data is needed to answer the question

16. A mutual fund manager has to choose between two stocks, A and B. From the past data, the returns and the corresponding probabilities are given below:

Probability	Stock A	Stock B
0.2	80%	50%
0.5	30	20
0.3	-10	2

Pick the best answer

- (A) Stock A has an expected return of 28%, while Stock B has an expected return of 20.6%
- (B) Stock A is to be preferred by anyone, since its expected return of 28%, on average, is higher than the average return on about 20% for Stock B.
- (C) Some people would prefer Stock B over Stock A
- (D) A and C above

17. An information systems (IS) manager wants to remove redundancy of data across departments of an organization and consolidate all the information into a corporate database. In today's pricing and business scenario, the main motivation for doing this is:

- (A) Save storage space
- (B) Ensure that everyone in the organization has access to all the data
- (C) Ensure that the information can be accessed, as is needed to run the processes of the organization
- (D) A and C above

18. Marketing

- (A) Is a sales promotion and advertising activity
- (B) Includes a broad range of activities and processes aimed at generating long-term value for an organization's customers
- (C) Provides information needed to sell a product/service to a customer
- (D) A and C

19. The Master of a Shaolin Monastery ordered all Monks to stand in a solid square. However, 5 monks were left at the end. If there were a total of 630 Monks in the Monastery, how many Monks were standing in the outermost row of the square?

- (A) 25
- (B) 15
- (C) 75
- (D) 30

20. Four whistles blow at intervals of 6, 8, 12, and 18 seconds. They start blowing simultaneously at 12 O'clock. In how much time will they blow again simultaneously?

- (A) 26 seconds
- (B) 30 seconds
- (C) 72 seconds
- (D) 36 seconds