Duration :45 min                                                    Marks:15

Q1. Explain DBMS with Proper example .                    (3 )

Q2. Explain Levels of Abstraction.                              (3)

Q3.Explain Instance and Schema.                                (3)

Q4 . Explain Database Application Architecture.           (3)

Q5 . Explain ER Model.                                               (3)

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**Duration: - 45 minutes**             **Marks: 15**

Q.1) Define the following terms:  (3 mks)
       i) Objects
       ii) Inheritance
       iii) Encapsulation

Q.2) Distinguish between Procedure Oriented Programming and Object
     Oriented Programming.  (2 mks)

Q.3) What is a Constructor? State and explain the types of constructors.
                                        (3 mks)

Q.4) Explain Polymorphism in Object Oriented Programming language
                                        (2 mks)

Q.5) Write a program in Java to find factorial of a number.
                                        (5 mks)

<div align="center">OR</div>

Q.5) Write a program in Java to find the largest of three numbers
                                        (5 mks)

<div align="center">***************</div>

**Duration: - 45 minutes**            **Marks: 15**

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**Q. I. Answer <u>any four</u> of the following in brief.**       **(4x2= 8)**

1. How has Economics originated?

2. What is Perfect competition?

3. State any four features of Monopoly.

4. What is Monopolistic Competition?

5. State any four features of Oligopoly.


**Q. II. Write a short note on <u>any two</u> of the followings:**     **(2x3.5=7)**

1. Problem of Scarcity.

2. Positive Economics.

3. Normative Economics.


**\*\*\*\*\*\*\*\*\*\*\*\***

Duration:- 45  minutes                              Marks:- 15

**Q.1 A)** Distinguish between Management Accounting and Cost Accounting.
(2mks)

**B)**  What do you understand by Management Accounting? Explain
its limitations.                                     (3mks)

**Q.2)** Prepare a Flexible Budget for production of 40,000 units and
75,000 unit**s** distinctly showing variable cost and fixed cost as
well as total cost. Also indicate element-wise cost per unit.
Budgeted output is 1, 00,000 units and budgeted cost per unit is
as follows:

| | |
|---|---|
| Direct Material | 95 |
| Direct Labour | 50 |
| Production Overhead (variable) | 40 |
| Production overhead (Fixed) | 05 |
| Administrative overhead (Fixed) | 05 |
| Selling Overhead (10% Fixed) | 10 |
| Distribution overhead (20% Fixed) | 15          (10mks) |

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# COMMUNICATION AND PRESENTATION SKILLS

Duration: 45 minutes                                          Marks:15

Q.1) Write a short note on **ANY TWO**                    2 x 3= 6 Marks
  A. The role of sender and receiver.
  B. Barriers to communication.
  C. Difference between formal and informal communication (3 points each)
  D. Encoding , Decoding and Feedback
  E. Aristotle's *Rhetoric*

Q.2) Answer any **ONE**                                   1 x 4= 4 Marks
  A. Define horizontal and vertical communication. Explain the concepts
     with a suitable example for each.
  B. How can upward and downward communication lead to negative
     issues in a business enterprise?
  C. Mention eight ways in which you can achieve an effective
     communication.

Q.3) Answer any **ONE**                                   1 x 5 = 5 Marks
  A. Expound on the concept of a Grapevine.
                          **OR**

  B. Elucidate the importance of communication in business and in day-to-
     day life.
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