MARKS: 15   TIME: 45 Minutes
_____

Answer the following   **(3x1=3)**

1. Unidirectional of data flow in an data communication is knows as _____.

2. Bidirectional of data at one time is known as_____.

3. Full duplex can be defined as _____.

    .

Answer the following Questions (any 3)   **(3x2=6)**

1. Define data communication.

2. What is network?

3. State the characteristics of network

4. State the elements of a protocol.

Answer the following Questions (any 2)   **(2x3=6)**

1. What are the types of connections are available in networks state them.

2. Write a note on OSI reference model .

3. What is a repeater ? and What is called routers ?

-----All the Best -----

MARKS: 15   TIME: 45 Minutes
_____

Answer the following:-

Q. 1) Explain in brief the process of Management.   (4 mks)

Q. 2) "Planning is thinking before doing" in the light of this statement
      Explain the Merits and Demerits of planning function.   (6 mks)

Q. 3) Explain the following:-
      a) Strategic Planning   (1 mk)
      b) Objectives   (1 mk)
      c) Pro-active and reactive planning   (2 mks)
      d) Six M's of Management.   (1 mk)
                    ****

MARKS: 15   TIME: 45 Minutes
_____

Q.A. State Whether the Following Statements Are True or False: [5 Marks]

1. The Indented Form layout uses 'Open Punctuation.'
2. The Job Application Letter is sometimes compared to a Sales Letter.
3. P.S. in letter writing stands for Post Script or Post Scriptum.
4. Head Address usually contains the Receiver's name, address and contact information.
5. Commercial Jargon should be used excessively in Business Communication.

Q.B. Answer Any Two of the Following: [5 Marks]

1. What is Commercial English?
2. Write a short note on the Hanging Paragraph form.
3. What does AIDA stand for? Explain briefly.

Q.C. Answer Any One of the Following: [5 Marks]

1. Write a detailed note on Parts of a Business Letter.
2. What are the essentials of good written business communication?
3. Explain the characteristics of the Full Block Form layout with the help of a diagram
   and explanatory note.

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DATA ANALYSIS AND STATISTICAL TECHNIQUES

MARKS: 15   TIME: 45 Minutes
_____

Instuctions:-1) Answer all the questions.
                    2) Calculators are allowed.

Q. 1) 1. Fill in the blanks:-   (3 mks)
a) If A & B are mutually exclusive and exhaustive then
    $P(A) + P(B) =$ _____

b) If $P(A) = \frac{1}{9}$ then $P(\overline{A}) =$_____
    where $\overline{A}$ is complement of A

c) If $P(A \cup B) = \frac{19}{24}$, $P(A) = \frac{3}{8}$, $P(A \cap B) = \frac{1}{4}$, find $P(B)$

2. 20 screws are inspected and the number of good screws are noted.
   Write sample space for the above experiment.   (1 mk)

3. A bag contains 3 white and 2 black balls. Find the probability of
   drawing a white ball.   (2 mks)

Q. 2) Draw frequency polygon for the following distribution (with
        Proper scaling)

_____
Class interval	frequency
100 - 200	10
200 - 300	12
300 - 400	15
400 - 500	16
500 - 600	9
600 - 700	3
700 - 800	2

                                                            (4 mks)

Q. 3)1) Find Median for the following data giving the number of kilometers
        travelled by 20 trucks of Tiger Transport Company.

        800, 850, 1000, 900, 950, 830, 880, 1120, 1030, 870, 925, 1015,
        700, 940, 750, 730, 930, 1130, 1200, 1190.   (3 mks)

    2) Find Mean of the following data.   (2 mks)

        18, 16, 20, 18.5, 17, 16, 18, 22, 20

                        ****

G.V.M's G.G.P.R. COLLEGE OF COMMERCE & ECONOMICS
FARMAGUDI, PONDA-GOA

INTRA SEMESTER ASSESSMENT TEST-I
SEMESTER IV
JANUARY 2016

S.Y.B.C.A.
SOFTWARE ENGINEERING

MARKS:- 15　　　　　　　　　　　　**Duration:- 45 minutes**

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ANSWER THE FOLLOWING :-

1. What is Software Engineering ?　　　　　　　　　　(2 mks)

2. What is meant by Software Process ?　　　　　　　(2 mks)

3. Explain the various challenges of Software Engineering.　　(3 mks)

4. Explain the various attributes related to Software Quality, along
   with appropriate examples.　　　　　　　　　　(4 mks)

5. Explain with the diagram the Layered Technology of the Software
   Engineering.　　　　　　　　　　　　　　(4 mks)

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