G.V.M'S G.G.P.R COLLEGE OF COMMERCE & ECONOMICS

FARMAGUDI, PONDA

INTRA SEMESTER ASSESSMENT TEST-I

BCA   SEMESTER IV   JANUARY 2017

COMPUTER NETWORKS

MARKS: 15   TIME: 45 Minutes

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I.   Fill in the Blanks   (3x1=3)

1. _____layer where 0's and 1's transmitted into electrical signals.
2. An information presented in any form is known as_____.
3. Host is _____.

II.   Answer the Following questions.(any 3)   (3x2=6)

1. What is Data communication?
2. State with diagrams the type of connections.   (2 marks)
3. What do you mean by protocol? State the elements of it.(2 marks)
4. What is layered architecture? State features of it.   (2 marks)

III.   Answer the Following questions.(any 2)   (2x3=6)

1. Categorize the types of topologies with an appropriate diagram.(3 marks)
2. State OSI Reference model in detail.   (3 marks)
3. Explain a) Simplex b) Half-duplex c) Full-Duplex   (3 marks)

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INTRA SEMESTER ASSESSMENT TEST-I

BCA   SEMESTER IV   JANUARY 2017

COMMUNICATION & PRESENTATION SKILLS

MARKS: 15   TIME: 45 Minutes

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Answer any three from the following questions:-   (5 x 3 = 15)

1) Discuss the principles of commercial correspondence.

2) Elaborate on the functions of a business letter.

3) Write a note on the essentials of Written Communication.

4) Explain the notion of Commercial English and Commercial Jargon.

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Goa Vidyaprasarak Mandal's
Gopal Govind Poy Raiturcar College Of Commerce & Economics
Farmagudi Goa
BCA SEMESTER IV, ISA – I, JANUARY 2017
MANAGEMENT FUNCTIONS

Marks 15   Duration : 45 minutes

Answer the following.

Q.1) "Planning is first & most important function of management." in the light of this
Statement explain the importance of Planning in management?   (4 mks)

Q.2) Briefly explain the "Process of MBO"?   (6 mks)

Q.3) Explain the following.
   a) Organising   (1 mk)
   b) Corporate Planning & Functional Planning.   (2 mks)
   c) Delegation of Authority.   (1 mk)
   d) Organisation chart   (1 mk)

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Goa Vidyaprasarak Mandal's

GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS, PONDA-GOA

B.C.A. Intra Semester Examination-I

BCA 404 DATA ANALYSIS AND STATISTICAL TECHNIQUES

Duration : 45 mins   Marks : 15

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1. Draw the frequency polygon for the following data   (3)

Age in years	< 25	< 30	< 35	< 40	< 45	< 50	< 55
No. Of persons	0	12	28	47	58	65	70

2. Out of 150 students in a class, 50 are boys. If the average of boys attending

   lectures is 10% and the total average of attendance of the entire class is 20%.

   Find the average attendance of girls.   (3)

3. Find the median of the following   (3)

Class interval	150-155	155-160	160-165	165-170	170-175	175-180
Frequency	3	6	8	4	3	2

4. Find the standard deviation of the following raw data

   8, 9, 6, 4, 10, 1, 3, 2.   (3)

5. Given $n = 10, \sum x = 620, \sum y = 616, \sum xy = 48309,$

   $\sum x^2 = 47860, \sum y^2 = 49148.$

   Find Karl Pearson's coefficient of correlation.   (3)

-- ALL THE BEST--

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

INTRA SEMESTER ASSESSMENT TEST-I
SEMESTER IV
JANUARY 2017

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

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

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ANSWER THE FOLLOWING :-

1. Define – Software Quality.   (2 mks)

2. Mention in brief the History of Software Engineering.   (2 mks)

3. Explain the various Characteristics of Software.   (3 mks)

4. Explain with the diagram – " Software Engineering is a Layered Technology ".   (4 mks)

5. Explain the Dual role of Software with the help of an appropriate example.   (4 mks)

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