

GYM's G.G.P.R. COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA - GOA

INTRA SEMESTER ASSESSMENT TEST - II OF SEMESTER IV
FEBRUARY 2010

S.Y.B.C.A.

SOFTWARE ENGINEERING - I

Duration: 45 Minutes

Marks: 15

Q.1. Define the following :

(3 x 1 = 3 marks)

- (a) Software Process
- (b) Software Quality
- (c) Software Engineering

Q.2. Explain any TWO process model with the help of a diagram and also list the advantages and disadvantages of the same.

(6 x 2 = 12 marks)

- (a) The Spiral model
- (b) The prototype model
- (c) The Incremental model

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COMPUTER NETWORKS

DURATION: 45 MINUTES

MARKS: 15

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- INSTRUCTIONS:** 1. All questions are compulsory.
2. Figures to the right indicate full marks.

Q.I. Answer the following :

- A) What is the main difference between TCP and UDP? (1)
- B) Define the following terms : (2)
- a) Topology (b) Broadcasting
- C) Write a short note on Baseband coaxial cable. (2)

Q.II. Answer the following (Any two): (2x5=10)

- A) Briefly explain OSI Reference model.
- B) Write a note on Fiber optics.
- C) Explain TCP/IP Reference Model.

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MANAGERIAL ECONOMICS

DURATION: 45 MINUTES

MARKS: 15

Q.1. Answer the following:

- (a) State and explain determinants of price elasticity. (5 marks)
- (b) Define Supply. Explain conditions of supply. (5 marks)
- (c) Define Production function. Explain its features. (5 marks)

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S.Y.B.C.A.

COST ACCOUNTING

DURATION: 45 MINUTES

MARKS: 15

Q.I. Calculate minimum stock level, maximum stock level, average stock level and ordering level, from the following particulars :

- (a) Minimum consumption 200 units per day
- (b) Maximum consumption 350 units per day
- (c) Normal consumption 250 units per day
- (d) Re-order quantity - 3000 units
- (e) Minimum period for receiving goods 7 days
- (f) Maximum period for receiving goods 15 days
- (g) Normal period for receiving goods 10 days

(5 marks)

Q.II. The following transactions occur in the purchase and issue of materials.
Year 2010

- Jan 2 Purchased 4000 units @ Rs.4.5 per unit
- Jan 4 Purchased 500 units @ Rs.4.8 per unit
- Jan 6 Issued 2000 units
- Jan 9 Purchased 6000 units @ Rs.5 per unit
- Jan 12 Issued 4000 units
- Jan 15 Issued 1000 units
- Jan 16 Issued 2000 units
- Jan 21 Purchased 4500 units @ Rs.5.50 per unit
- Jan 25 Issued 3000 units

From the above, prepare the Stores Ledger a/c by adopting FIFO method of Inventory valuation.

(6 marks)

Q.III. Explain the following :

- (1) Idle time
- (2) Time Rate System

(2 marks)

(2 marks)

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