



AMOOR- VI (2010 Course) : SUMMER - 2016

Subject : Software Project Management

B.C.A. -I/II/III

Day : Monday

Date : 11/04/2016



Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

N.B.:

- 1) **Q.No.1 is COMPULSORY.**
- 2) Attempt **ANY FOUR** questions from **Q.No.2 to Q.No.7.**
- 3) Figures to the right indicate **FULL** marks.

Q.1 a) Draw network diagram and find critical path.

[10]

Activity	Precedence	Duration
J	---	6
M	J	4
V	M	6
Y	V	8
L	J	2
Q	L	8
W	Y, Q	1
X	W	1

b) Design a Gantt Chart to show the progress of workshop arranged by you at your college. **[04]**

Q.2 a) Define Project and Project Management. Differentiate between software project and other types of projects. **[07]**

b) Explain the role of project management body of knowledge (PMBOK) in project management. **[07]**

Q.3 Discuss stepwise project planning in detail.

[14]

Q.4 a) Discuss Function Point Analysis model of Cost Estimation.

[07]

b) Describe the factors that influence the quality of software products.

[07]

Q.5 a) Describe concept of Work Break Down structure with suitable example.

[07]

b) Explain any three non-algorithmic methods of cost estimation.

[07]

Q.6 What is Risk Management? Explain elements of risk management in detail.

[14]

Q.7 Write short notes on **ANY TWO** of the following:

[14]

- a) CMM Standards
- b) Organizational Structure
- c) Types of contracts



AMoor- VI (2010 Course) : SUMMER - 2016

Subject : Data Warehousing & Data Mining

B.C.A. I/II/III

Day : Wednesday

Date : 13/04/2016



29265

Time : 10.00 AM TO 01.00 PM

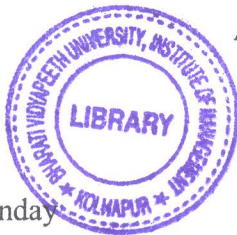
Max Marks : 70 Total Pages : 1

N.B.:

- 1) Q. NO. 1 is **COMPULSORY**.
- 2) Attempt any **FOUR** questions from Q. No. 2 to Q. No. 7.

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- Q.1 State and explain the need of separate Data warehouse with example. (14)
- Q.2 Design the data warehouse for "Super Market" selling multi-branded daily needs. Explain various dimensions in details. (14)
- Q.3 What are the needs of objectives of Data Preprocessing? Explain with example. (14)
- Q.4 How the data mining systems are classified? What are the major data mining issues? Discuss. (14)
- Q.5 State the challenges in KDD process and explain the role of Data mining architecture in addressing challenges and issues in KDD. (14)
- Q.6 Differentiate between classification and predication. (14)
- Q.7 Explain the commercial data mining system with reference to healthcare predictive analysis. (14)

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AMOOR- VI (2010 Course) : SUMMER - 2016

Subject : Data Structures

B.C.A. +/H/ III

Day : Monday
Date : 18/04/2016



Time : 10.00 AM TO 01.00 PM
Max Marks : 70 Total Pages : 1

N.B.:

- 1) Q.No.1 is **COMPULSORY**.
- 2) Attempt **ANY FOUR** questions from Q.No.2 to Q.No.7.
- 3) Figures to the right indicate **FULL** marks.

-
- Q.1 Explain different operations of single dimensional character array (string). [14]
- Q.2 Write a C program to find factorial of given integer using recursion further trace the program to demonstrate the use of stack in recursion. [14]
- Q.3 Explain the application of queue in first come first serve job scheduling method. [14]
- Q.4 Describe implementation of stack using linked list. [14]
- Q.5 Explain in-order and pre-order tree traversal methods through proper example. [14]
- Q.6 a) Demonstrate the working of Bubble Sort to Sort given integer list. [10]
40, 60, 08, 38, 24, 92, 55, 72, 86, 18.
- b) Define binary search tree. [04]
- Q.7 Write short notes on **ANY TWO** of the following: [14]
- a) Circular queue
 - b) Linear search
 - c) Two dimensional array

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Subject : Management-VI (Management Support Systems)

B.C.A. - I / II / III

Day : Thursday

Date : 21/04/2016



Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

N.B.

- 1) Q. No. 1 is **COMPULSORY**.
- 2) Attempt any **FOUR** questions from Q. No. 2 to Q. No 7.
- 3) Each question carries **14** marks.

SECTION – I

- Q.1 Discuss in brief the information system for following area. (14)
- a) Personnel function
 - b) Inventory control
- Q.2 What is system? Discuss various types of systems with suitable examples. (14)
- Q.3 What is Expert system? Discuss its structure in detail. (14)
- Q.4 a) Explain use of executive information system in brief. (07)
- b) Explain need of DSS in brief. (07)
- Q.5 What is Heuristic programming? Discuss in detail. (14)
- Q.6 Differentiate between the Management Information System and Data Processing. (14)
- Q.7 Write short note on (Any TWO) (14)
- a) Need of feedback control
 - b) Operation Research techniques
 - c) Control by exception.



AMOOR- VI (2010 Course) : SUMMER - 2016

Subject : Management-VII (e-Business Applications)

B.C.A. ~~I/II~~ / III

Day : Saturday

Date : 23/04/2016



Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

N.B.

- 1) Q. No. 1 is **COMPULSORY**.
- 2) Attempt any **FOUR** questions from Q. No.2 to Q. No. 7

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- Q.1 a) What are the various security & privacy issues in e- commerce (07)
b) Explain digital signature & digital certificate in detail. (07)
- Q.2 What is e – commerce & elaborate the broad goals. (14)
- Q.3 Explain the following in detail. (14)
i) B2C e – commerce
ii) Security threats
- Q.4 What are the different types of electronic Data interchange? Also state the advantages of EDI. (14)
- Q.5 Differentiate traditional commerce Vs e – commerce. (14)
- Q.6 What are the electronic cheques? Explain how electronic payment technology work (14)
- Q.7 Write short note on any **TWO** of the following (14)
a) Viruses
b) Digital cash
c) W.W.W.
d) Online marketing