



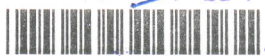
AMoor- V (2010 Course) : APRIL / MAY - 2013

Subject : Software Testing

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

Day : Thursday

Date : 02/05/2013



1 2 7 2 9

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.

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- Q.1 a) Explain various qualities required for software tester during software testing. (07)
- b) "Testing begins in the small and progresses to the large". Justify with example. (07)
- Q.2 Differentiate between -
- a) Testing and debugging (05)
  - b) Error and defect (05)
  - c) Top down and bottom up integration. (04)
- Q.3 Explain software testing life cycle in brief. (14)
- Q.4 What is system testing? Discuss system testing methods in brief. (14)
- Q.5 Describe various control structure testing methods with their merits and demerits. (14)
- Q.6 Discuss the types of risk in software project. (14)
- Q.7 Write short notes on any **TWO** of the following: (14)
- a) SQA
  - b) Test cases
  - c) Unit testing
  - d) Validation testing.



AMOOR- V (2010 Course) : APRIL / MAY - 2013

Subject : Computer Networks-II

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

Day : Friday

Date : 03/05/2013



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.

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- Q.1      a) Define networking and state its applications in brief. (07)
- b) State the functions of following devices - Switches, Bridges, Routers, Gateways. (07)
- Q.2      What is Domain Name System? Explain DNS messages in brief. (14)
- Q.3      Explain Remote Procedure Call mechanism with the help of request/reply paradigm. (14)
- Q.4      With the help of diagram explain IPV4 header in detail. (14)
- Q.5      Explain OSI reference model in brief. (14)
- Q.6      What is Cryptography? Explain any one secret key cryptography algorithm. (14)
- Q.7      Write short notes on any **TWO**: (14)
- a) Internet Control Message Protocol.
  - b) Digital Signature.
  - c) Multipurpose Internet Mail Extension.
  - d) Network Topology.



AMOOR- V (2010 Course) : APRIL / MAY - 2013

Subject : Object Oriented Programming-II

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

Day : Saturday

Date : 04/05/2013



Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

**N.B.**

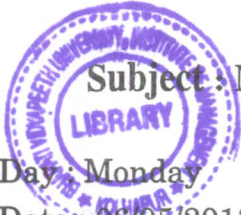
- 1) Question 1 is **COMPULSORY**.
- 2) Attempt any **FOUR** questions from **Q. No. 2 to Q. No.7**.
- 3) Each Question carries **FOURTEEN** marks.

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- Q.1** Explain inheritance. Illustrate how Java supports multiple inheritance. (14)
- Q.2** a) Define constructor. Explain different types of constructors. (07)  
b) Write Java program to store given integers in array and find average of those. (07)
- Q.3** Write Java to accept two matrices and calculate addition and subtraction of those using operator overloading. (14)
- Q.4** What is package? Explain its use in Java? Explain how to create package. (14)
- Q.5** Explain how sequential and random file management is supported by Java. Give suitable example. (14)
- Q.6** Describe decision making statements in Java. (14)  
Write Java program to accept students marks for the five papers, Calculate average and use decision making statements to assign class to them as 'Distinction', 'First Class', 'Second Class', 'Pass Class'.
- Q.7** Write short notes on any **TWO** (14)  
a) Exception Handling  
b) String Buffer class  
c) Conditional operator  
d) Special operators

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Subject : Management-V (Fundamentals of Organizational Behavior)

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

Day : Monday

Date : 06/05/2013



12732

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.

**Q.1** The ABC company at present facing the problem of highest labour turnover and absenteeism due to which are productivity of the employees is down.

- a) What reasons do you think of labour turnover and absenteeism?
- b) What strategies you can suggest to reduce labour turnover, absenteeism?

**Q.2** What is Organizational Behaviour? Explain the models of Organizational Behaviour.

**Q.3** What are the factors that effect Organizational Change? Explain the reasons for resisting the change and strategies to overcome the resistance.

**Q.4** Definc Motivation. Explain the theories given by Maslow and Herzberg.

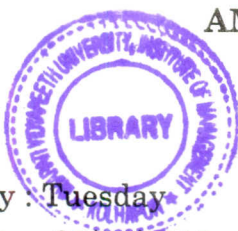
**Q.5** Define communication. Explain the process of communication and barriers to communication.

**Q.6** Explain the importance and any two theories of Leadership.

**Q.7** Write short notes (Any Two)

- a) Perception process
- b) Types of conflict
- c) Fundamental concept of Organizational Behaviour
- d) Managerial grid.





AMOOR- V (2010 Course) : APRIL / MAY - 2013

Subject : Dot NET Technologies

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

Day : Tuesday

Date : 07/05/2013



12733

Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

N.B.:

- 1) Attempt any **FIVE** questions.
- 2) All questions carry **EQUAL** marks.

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- Q.1 Explain the data connectivity in VB.NET with example. (14)
- Q.2 a) Explain the concept of Name space and assembly. (07)
- b) Example the difference between dataset and record set. (07)
- Q.3 Draw and explain dot NET framework. (14)
- Q.4 a) Explain the purpose of solution explorer, properties window, server explorer. (07)
- b) Explain exception handling with example. (07)
- Q.5 Write an application in VB. NET for Hostel Management System. (14)
- Q.6 List and explain various data types used in VB. NET. (14)
- Q.7 Write short note on ( Any TWO): (14)
- a) Polymorphism
  - b) CLS and CLR
  - c) Generics
  - d) Basic windows control

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