

BCA-III Sem.-V



AMOOR- V (2010 Course) : OCT / NOV - 2012

Subject : Software Testing

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

Day : Friday

Date : 21/12/2012



Time : 10.00 AM TO 01.00 PM

Max Marks : 70 Total Pages : 1

N.B:

- 1) Question I is **COMPULSORY**.
- 2) Each question carries **14** marks.
- 3) Attempt **ANY FOUR** questions from **Q.2 to Q.7**

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- Q.1** a) Design test case for the program which finds maximum form three numbers. (07)
b) What is testing? Explain important goals of it? (07)
- Q.2** Explain various software verification Techniques with their merits and demerits. (14)
- Q.3** Differentiate between:- (14)
a) Errors and Bugs
b) Testing and Debugging
- Q.4** Describe the Basis path testing method in detail. (14)
- Q.5** Discuss various testing patterns in brief. (14)
- Q.6** Discuss the various type of risks in software. Also explain role of testing in risk management. (14)
- Q.7** Write short notes on **ANY TWO** of the following:- (14)
a) SQA Activities
b) Boundary Value Analysis
d) Validation testing
e) Software characteristics



AMOOR- V (2010 Course) : OCT / NOV - 2012

Subject : Computer Networks-II

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

Day : Saturday

Date : 22/12/2012



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) Describe the working of token ring in detail. (07)
- b) State the function of following devices - Routers, Repeaters, Gateways, Bridges. (07)
- Q.2** What is DNS? Explain it for machines and internet. (14)
- Q.3** Using Three-Way Handshaking explain connection establishment phase of transport protocol. (14)
- Q.4** What is the purpose of ICMP? Describe ICMP message format in brief. (14)
- Q.5** Explain media access method used in wireless LAN's with its frame format. (14)
- Q.6** What is Digital Signature? Explain it using public key encryption. (14)
- Q.7** Write short notes on any **TWO**: (14)
- a) Internet Protocol
- b) Cryptography
- c) SONET
- d) Network Topology



AMOOR- V (2010 Course) : OCT / NOV - 2012

Subject : Object Oriented Programming-II

Day : Monday

Date : 24/12/2012



B.C.A. I / II / III

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 the concept of Polymorphism and operator overloading with example. (14)
- Q.2** a) Discuss working of destructors in java with suitable example. (07)
- b) Write Java code for accepting a string from user and searching accepted character from the string. (07)
- Q.3** a) Explain StringBuffer class and Wrapper class. (07)
- b) Discuss Exception Handling in java with suitable example. (07)
- Q.4** Write java program to create database of companies. The program will accept name, and type of Company from user and store it in file. The program will also allow user to update the address and display updated information. Assume suitable file structure. (14)
- Q.5** a) What is an interface? Define various forms of interface implementation. (07)
- b) Write a note on Java API Packages (07)
- Q.6** a) Write a Java code to accept two, three digit numbers from user and display its addition on screen. (07)
- b) Compare Java with C and C++. (07)
- Q.7** Write short notes on Any **TWO** of the following: (14)
- a) Inheritance
 - b) Two dimensional arrays
 - c) Type conversion
 - d) Bitwise operators



AMOOR- V (2010 Course) : OCT / NOV - 2012

Subject : Dot NET Technologies

Day : Friday
Date : 28/12/2012



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

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.

- Q.1** Write a brief note on dot net (.net) framework. Differentiate between VB and VB. Net. (14)
- Q.2** Write down various operators and data types available in VB. Net with suitable examples. (14)
- Q.3** Write a short note on class in VB. Net. Write down various class access methods. (14)
- Q.4** Write a short note on (Any TWO): (14)
- a) Methods
 - b) CLR
 - c) File stream
 - d) Basic Window controls
- Q.5** Write down in detail about Error Handling and debugging in VB. Net. (14)
- Q.6** Write down various steps of data connectivity in VB. Net. (14)
- Q.7** Write a code in VB.net environment showing file handling. (14)

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AMOOR- V (2010 Course) : OCT / NOV - 2012

Subject: Management-V (Fundamentals of Organizational Behavior)

Day : Tuesday

Date : 01/01/2013



B.C.A. I / II / III

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 XYZ company is going through very critical phase of the problem of managing the change due to global environmental changes in technology. The employees at work are resisting the change and they are demanding for status quo."

- a) What do you think are the reasons for resistance to change?
- b) What strategies you can suggest management to overcome the resistance?

Q.2 Define Organizational Behaviour. Explain the nature, scope and importance of Organizational Behaviour.

Q.3 What is Motivation? Explain the theories of motivation given by Abraham Maslow and Frederick Herzberg.

Q.4 Define Leadership. Explain the importance of leadership and any one theory of leadership.

Q.5 What is conflict? What are causes of conflict and strategies to Manager conflict?

Q.6 Define perception. Explain the process of perception with examples.

Q.7 Write short notes (Any Two)

- a) Transactional analysis
- b) Barriers to communication
- c) Models of organizational behaviour
- d) Factors affecting job satisfaction.