



AM00R- V (2010 Course) : SUMMER - 2016

Subject : Software Testing

B.C.A. + / # / III

Day : Monday

Date : 11/04/2016



Time : 02.00 PM TO 05.00 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 Explain white box testing in detail. [14]
- Q.2 a) Explain various phases of testing process. [07]
- b) Differentiate between testing and debugging. [07]
- Q.3 What are various types of risks? Explain role of testing in Risk Management. [14]
- Q.4 a) Explain V-Testing model in detail. [07]
- b) What are various types of system testing? Explain. [07]
- Q.5 Explain testing for real-time system. [14]
- Q.6 Explain various testing patterns in detail. [14]
- Q.7 Write short notes on **ANY TWO** of the following: [14]
- a) Unit testing
  - b) SQA activities
  - c) Testing of client / server architecture
  - d) Goals of testing

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AMOOR- V (2010 Course) : SUMMER - 2016

Subject : Computer Networks-II

B.C.A. I / II / III

Day : Wednesday

Date : 13/04/2016



Time : 02.00 PM TO 05.00 PM

Max Marks : 70 Total Pages : 1

**N.B.:**

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

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- Q.1** Explain Ethernet Architecture (IEEE 802.3) LAN standard.
- Q.2** a) What is the need of layered Model in Network Architecture?  
b) Explain TCP/ IP model with block diagram.
- Q.3** Differentiate between the following:  
a) LAN Vs WAN  
b) Secrete Key Cryptography Vs Public Key Cryptography
- Q.4** What is ICMP( Internet Control Message Protocol)? What are different types of messages sent using ICMP?
- Q.5** What is the role of Internet Protocol in Packet Fragmentation and Reassembly?
- Q.6** What is the role of connecting devices in Networking? Differentiate between Switches and Routers.
- Q.7** Write short notes on any **TWO** of the following:  
a) Token Ring  
b) Electronic Mail  
c) Domain Name System (DNS)  
d) Transport Control Protocol (TCP)

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AMoor- V (2010 Course) : SUMMER - 2016

Subject : Object Oriented Programming-II

B.C.A. I/II/III

Day : Monday  
Date : 18/04/2016



Time : 02.00 PM TO 05.00 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) Illustrate array of object with example. [07]  
b) Explain function overloading with example. [07]
- Q.2 a) What is data abstraction? Explain in detail. [07]  
b) Explain the control structures in java with example. [07]
- Q.3 What are the types of constructor? Explain with appropriate example. [14]
- Q.4 a) What is difference between JDK and JVM ? [07]  
b) What do you understand by inheritance in java? Why java does not support multiple inheritance. [07]
- Q.5 Write a program in java to deposit and withdraw amount from a bank account. [14]  
Declare your own classes also handle the exception if the withdrawal amount is greater than the balance in account.
- Q.6 Explain with example how run time polymorphism is achieved using virtual functions. [14]
- Q.7 Write short notes on **ANY TWO** of the following: [14]  
a) Exception handling  
b) Private, public and protected keywords  
c) Static data members

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AMOOR- V (2010 Course) : SUMMER - 2016

Subject : Management-V (Fundamentals of Organizational Behavior)

B.C.A. 4/H/III

Day : Thursday

Date : 21/04/2016



29262

Time : 02.00 PM TO 05.00 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 "Autocratic leader will kill the creativity of employees and will damage the employer – employee relationship." Critically analyse the statement. [14]
- Q.2 Discuss the historic origin of organizational behaviour in detail. [14]
- Q.3 Explain any two theories of motivation with its limitations. [14]
- Q.4 What is Change? Explain the factors influencing organizational change. [14]
- Q.5 Define perception and discuss its process with suitable example. [14]
- Q.6 Explain trait theory of leadership with its merits and demerits. [14]
- Q.7 Write short notes on **ANY TWO** of the following: [14]
- a) Corporate communication
  - b) Factors influencing job satisfaction
  - c) Levels of conflict

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Subject : Dot NET Technologies

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

Day : Saturday

Date : 23/04/2016



Time : 02.00 PM TO 05.00 PM

Max Marks : 70 Total Pages : 1

N.B:

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

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- Q.1 a) Explain Dot Net framework with suitable diagram. (07)
- b) Explain in brief CLR (Common Language Runtime). (07)
- Q.2 Explain Vb. Net validation controls with example. (14)
- Q.3 a) Define Common Dialogs Controls in detail. (07)
- b) Explain variables and data types of Vb.Net. (07)
- Q.4 Write Short note on :(ANY TWO): (14)
- a) Encapsulation
- b) Abstraction
- c) Inheritance
- Q.5 a) What is error? Explain different types of error. (07)
- b) Explain Exception handling in Vb.Net (07)
- Q.6 Discuss use of the following in detail (ANY TWO) : (14)
- a) Scroll box
- b) Combo box
- c) Check box
- Q.7 What is a class? Create a class with the following details. (14)
- book\_Id, book\_name, book\_Type
- Create an object of class, and Add details with method *put ( )*,  
show the details with method *display ( )*.

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