

Faculty of Science
B.Sc (Computer Science) III-Year, CBCS-VI Semester
Backlog Examinations, Dec/Jan 2019-20
PAPER: VISUAL BASIC PROGRAMMING

Time: 3 Hours

Max Marks: 60

Section-A

I. Answer any Three of the following questions

(3x5=15 Marks)

1. What are the features of VB?
2. Differentiate Equality and Assignment Operator with an example.
3. Discuss the use of **exit** statement with an example.
4. Explain For Each..Next with an example.
5. Write a short note on shared methods.
6. Discuss the need of **me** keyword with an example.

Section-B

II. Answer all of the following questions

(3x15=45 Marks)

7. (a) Discuss different types of Conditional Control Structures in VB.
(OR)
(b) Explain the IDE of Visual Studio 2012.
8. (a) Explain Option Strict and Data-Type Conversions with suitable examples.
(OR)
(b) Differentiate Method Overloading and Method Overriding with examples.
9. (a) Discuss ListBox and CheckedListBox Controls with an example application.
(OR)
(b) Explain the ADO.Net Entry Framework.

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PAPER: COMPUTER NETWORKS

Time: 3 Hours

Max Marks: 60

Section-A

I. Answer any Three of the following questions (3x5=15 Marks)

1. Define Network? Explain different categories of Networks?
2. What is Multiplexing? Write about WDM.
3. Write different types of Errors? Explain Vertical Redundancy Check?
4. Discuss about Circuit Switching and Packet Switching?
5. What is Application Layer? Give Examples.
6. What is Subnetting? Explain with example.

Section-B

II. Answer all of the following questions (3x15=45 Marks)

7. (a) Discuss OSI and TCP/IP model functions and compare them.
(OR)
(b) Explain FDM and TDM in detail?
8. (a) Explain LRC and CRC with examples.
(OR)
(b) Explain Asynchronous, Synchronous protocols and Bit oriented protocols?
9. (a) Explain the functions of Transport Layer and Upper OSI Layers?
(OR)
(b) What is Addressing? Explain protocols used in the Network and Transport Layer?
