

Second Year B.C.A.(Semester - II) Examination
Paper - 15BCA209
Visual Basic.Net

Time : Three hours]

[Full Marks - 60

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- N.B. :**
- i) All questions carry equal marks
 - ii) Question No. 1 is compulsory
 - iii) Assume suitable data wherever necessary.
 - iv) Illustrate your answer necessary with the help of neat sketches.
 - v) Use Blue/Black ink/refill only for writing the answer book.
- Q.1** Choose the correct alternative. 5
- a) The character data type uses _____ bytes.
 - i) 2
 - ii) 3
 - iii) 4
 - iv) 1
 - b) Console.WriteLine ()
 - i) Starts printing from new line
 - ii) Prints the data on same line and then skips the line
 - iii) Skips two lines
 - iv) None
 - c) Which of the following operator is not supported by VB.Net
 - i) \
 - ii) /
 - iii) mod
 - iv) %
 - d) A class can have multiple _____ but can have single ____
 - i) Constructor, method
 - ii) Constructor, destructor
 - iii) destructor, constructor
 - iv) Method, destructor
 - e) Dialog boxes are used for _____
 - i) Input
 - ii) Output
 - iii) Message
 - iv) All of the above

- Q.2 a) What is event driven programming ? Explain. 6
 b) State and explain different data types supported by VB.Net. 5

OR

- Q.3 a) State and explain the structure of VB.Net program. 6
 b) State and explain different operators supported by VB.Net. 5

- Q.4 a) Write a program to display following pattern for I/P provided by user. 5

```

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
  
```

- b) Explain :- 6
 i) Input Box () ii) MsgBox ()

OR

- Q.5 a) How multiple decision making is done in VB.Net ? Explain with example. 6
 b) What is an exception ? How they are handled in VB.Net ? Explain. 5

- Q.6 a) How events are handled in VB.Net ? Explain. 5
 b) What is Polymorphism ? Explain with example. 6

OR

- Q.7 a) State and explain the difference between overloading & overriding. 5
 b) Write a program to demonstrate the use of constructor overloading. 6

- Q.8 a) What is Form ? Explain various properties of form. 5
 b) Explain :- 6
 i) Timer control
 ii) Image control

OR

- Q.9 a) State and explain different built in dialog boxes in VB.Net. 5
 b) Explain :- 6
 i) List Box
 ii) Combo box
 iii) Check Box

- Q.10 a) What is ADQ.Net ? Explain. 5
 b) State and explain different data control. 6

OR

- Q.11 a) What is server explorer ? Explain. 5
 b) Explain :- 6
 i) Data connection
 ii) Data list
