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Printed Pages : 8

**T.D.C. (Part-III) (Vocational)
Examination, 2020
(Honours)**

BCA

[Paper : Sixth]

[Paper Code : XH(III)-Voc. BCA(6)]

Time : Three Hours]

[Maximum Marks : 100

Note : Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks. **Question No. 1 is compulsory.** Answer **any five** questions from Group-A and Group-B selecting atleast **two** from a group.

1. Fill in the blanks with appropriate word(s) : [1x20=20]

- (a) _____ statement is used to forcibly terminate from a For Loop.
- (b) A _____ control of toolbar, acts as a container for other control.

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(1)

[P.T.O.]

- (c) _____ method removes all the items from the collection.
- (d) The windows that are displayed when you start VB are collectively known as _____.
- (e) Text boxes, labels, scroll bars, command buttons are known as _____.
- (f) If you omit static, the variable is set _____.
- (g) To inside a string in the text box, we use the _____ property.
- (h) An _____ causes an object to do something.
- (i) _____ is the activities that happen when an object does something.
- (j) An object loses focus by event _____.
- (k) JIT stands for _____.
- (l) A Java subclass can be defined by using the _____ keyword.

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- (m) By default, all programs import the _____ package.
- (n) The execution of an applet begins from the _____ method.
- (o) A thread enters the terminated state when _____.
- (p) The compiler uses a _____ to locate the classes, it in the class path.
- (q) A _____ imports all static members of a class.
- (r) The _____ method is used to obtain a thread's name.
- (s) Resume () method is used to revive from _____ method.
- (t) RMI stands for _____.

Group - A

- 2. (a) Explain two loops available in Visual Basic. [8]
- (b) Explain at least eight controls available in tool box. [8]

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[P.T.O.]

- 3. (a) Write a program in Visual Basic to print the factorial of a given number. [8]
- (b) What are Operators? What are the different categories of operators that can be used in VB? Explain. [8]
- 4. (a) What are the salient features of Visual Basic? [8]
- (b) Explain different data type available in Visual Basic. [8]
- 5. (a) Write short notes on the following : [4x2=8]
 - (i) Slider control (ii) Iteration
 - (iii) File control (iv) OLE
- (b) What is Procedure? How many types of procedure are supported by VB? [8]
- 6. (a) Write a VB procedure that generate 100 terms of following series : 0, 7, 26, 63 [8]
- (b) What is Dynamic array? How is it created? [8]

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Group - B

7. (a) What are the differences between overloading and overriding? [8]
- (b) Explain class and object with suitable example. [8]
8. (a) Write a Java program to print all prime numbers between 1 to 100. [8]
- (b) What is string class? Explain. [8]
9. (a) What are the differences between C++ and Java? [8]
- (b) What is a package? Write the steps for creating a package. [8]
10. (a) What is the use of super keyword? Explain with example. [8]
- (b) What is the use of Java in internet programming? [8]

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[P.T.O.]

11. (a) What is Command Line Argument? Explain by giving examples. [8]
- (b) What is the use of final keyword in Java? Explain by giving examples. [8]

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