

**CS/B.TECH (TT-OLD)/SEM-4/TT-405/2012**

**2012**

**COMPUTER APPLICATION IN TEXTILES**

*Time Allotted : 3 Hours Full Marks : 70*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10X1 = 10

- i) Event-driven languages are
  - a) FORTRAN based
  - b) are used to write procedural language
  - c) OOP
  - d) designed to make programming GUI easier.
- ii) IDE is
  - a) Independent Development Enterprise
  - b) A Development Environment for machine language
  - c) A Software Project Management tool
  - d) An Integrated Development Environment for Visual Basic.
- iii) Which of the following is not a part of the IDE ?
  - a) Code editor window
  - b) Properties window
  - c) Form layout window
  - d) General window.
- iv) The application name always appears in the

- a) properties window b) intermediate window
- c) code window d) title bar.
- v) The color of a button is
  - a) one of its properties
  - b) not updateable
  - c) defined in the project
  - d) defined in the Intermediate window.
- vi) Code is
  - a) updateable in the form editor
  - b) instructions
  - c) seldom used
  - d) an object.
- vii) Controls are
  - a) Code b) Part of the menus
  - c) Rules d) Objects.
- viii) In the IDE, which of the following is used to design the layout of an application ?
  - a) Form Designer Window
  - b) Project Explorer Window
  - c) Context Menu
  - d) Form Layout window.
- ix) The location of the form on the desktop during execution is determined by the
  - a) Form Designer window
  - b) Project Explorer window
  - c) Context Menu
  - d) Form Layout window.
- x) The Object Browser
  - a) Displays the command buttons and textboxes, etc

- b) Shows frequently used shortcuts as objects
- c) is a Context Menu
- d) Displays the object libraries and their combinations of data and code.

### **GROUP – B**

#### **( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. What are the operators in Visual Basic ? State any one application of this.
3. What do you mean by access specifier ? What are the access specifiers used in Visual Basic ?
4. What is Active X control ? Briefly describe it stating its applications.
5. What is an object ? Write a program to print system date and time.
6. What is subroutine ? What is its application ?
7. What is RAM and what is Excell Sheet ? State their applications.

### **GROUP – C**

#### **( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

8. Differentiate between implicit declaration and explicit declaration. Write a program to sort 10 integers.
9. What is the function of exit statement ? Write a program to show Arun Kumar Sarkar as A.K.S.
10. What are modules in Visual Basic ? Write a program to convert Centigrade to Fahrenheit using scroll bar.
11. Wrtie a program to calculate the factorial of a number. Write a program to find the result to the following series :

$$1 + \frac{1}{4} + \frac{1}{9} + \dots + \frac{1}{n^2}$$

12. Describe different file types and ways of accessing them in

Visual Basic.

13. State any five important applications of computer in textiles.

Describe the principle of computer aided working of any

textile application process with flow diagram.

5 + 10

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