FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, 2014

Computer Science

Paper II—VISUAL PROGRAMMING

Time : Three Hours

Answer any five full questions

Maximum : 80 Marks

1. (a) Draw and label the VB IDE, explain the different windows.

   (b) What is visual programming ? Explain the features of visual basic.

   (10 + 6 = 16 marks)

2. Explain any four important properties of each of the following :

   (a) List box.

   (b) Command Button.

   (c) Text box.

   (d) Optional button.

   (4 × 4 = 16 marks)

3. (a) Explain various data types in VB with example

   (b) Describe the loop structures in VB with example.

   (8 + 8 = 16 marks)

4. (a) Explain an four mathematical functions in VB.

   (b) Explain MSG box and Input box.

   (c) Explain Menu editor with a neat diagram.

   (4 + 4 + 8 = 16 marks)

5. (a) What is control array ? Explain the steps in creating a calculator.

   (b) Explain object oriented programming concepts.

   (10 + 6 = 16 marks)

6. (a) What is module ? Explain different types of modules with example.

   (b) Explain MDC form. Give the steps in creating MDC form.

   (8 + 8 = 16 marks)

7. (a) Explain database connectivity with DAO control.

   (b) What is file ? Explain steps to create binary fills in VB.

   (8 + 8 = 16 marks)

   Turn over

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8. Write a short note on any four :

   (a) Scope of variables.

   (b) Windows API.

   (c) Form Methods.

   (d) Time control.

   (e) Event dreven Programming.

   (f) Immediate Windows.

(4 × 4 = 16 marks)