

**BACHELOR IN COMPUTER
APPLICATIONS****Term-End Examination****June, 2007****CC-11 : VISUAL BASIC***Time : 2 hours**Maximum Marks : 75*

Note : Question number 1 is **compulsory**. Answer any **three** questions from the rest.

1. (a) List and explain the functions of various windows that are displayed when the Visual Basic application gets loaded in the design mode. 10
- (b) For each of the category of the functions given below, give at least three functions, their purpose and an example for each : 10
- (i) String functions
- (ii) Financial functions
- (c) Write an event procedure in VB to simulate the handset of a mobile-phone covering the features like contacts, messages, settings and log (for the calls). Design a sample layout. Make necessary assumptions, if needed, and list them. 10

2. (a) Write the file extension names for the following VB files : 9
- (i) Project file
 - (ii) Form module file
 - (iii) Custom control file
 - (iv) Standard module files
 - (v) Class module files
 - (vi) Resource files
- (b) Write an event procedure in VB to find the sum and average of the list of "n" numbers given as input. Draw the layout of the user interface also. 6
3. (a) With the help of an example, write the process of creating a procedure using the insert procedure dialog box. 8
- (b) Write an event procedure in VB to check whether the given string is a palindrome or not and find the length of the string also. 7
4. (a) Write the step-by-step procedure to change the design of the existing table. Illustrate this with the help of an example. 9
- (b) Explain the functionalities of the following controls, when placed on VB-form : 6
- (i) DbList
 - (ii) DbCombo
 - (iii) DbGrid

5. (a) Explain the following terms used in the object linking and embedding :

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- (i) Object
- (ii) Linked object
- (iii) Embedded object
- (iv) Container application
- (v) Source application

(b) Write an event procedure in VB to calculate the total marks, average, percentage and corresponding grade, if marks for 5 courses (including assignments and term-end for each course) are given. Note that, pass in both the assignments, and term-end is compulsory in order to declare the candidate successfully passed in a course. Assumptions can be made wherever necessary. Draw the layout for the user interface.

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