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(Printed Pages 4)

Roll No. _____

17/989

B.Sc. (Third Year) Examination, 2017

COMPUTER SCIENCE

First Paper

**(Visual Basic and Introduction to Web
Designing)**

Time : Three Hours

Maximum Marks : 75

Note: Answer **five** questions in all. Question **No. 1** is **compulsory**. Answer **one** question from each unit. Marks allotted to each question are indicated on the right-hand side of the margin.

Note: The answers to short questions should not exceed 200 words and the answers to long questions should not exceed 500 words.

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17/989

1 Give brief answers of the following:

5 × 7 = 35

- (a) Explain the various properties of "properties window"?
- (b) Write the various steps involved in the creation of and in saving a project?
- (c) What are various decision making statements in VB? Explain?
- (d) What are control arrays?
- (e) Write a brief note on any five HTML tags?
- (f) Why is GUI essential in Visual programming environment?
- (g) Explain the passing of an argument by reference, with an appropriate programming example.

UNIT-I

2. Why Visual Basic is Known as event driven programming? 10

Explain its various characteristics?

OR

3. Explain the following: $2\frac{1}{2} \times 4 = 10$
- (i) Debug Window
 - (ii) Immediate debug Window
 - (iii) Local Debug Window
 - (iv) Watch Debug Window.

UNIT-II

4. (a) Explain the various types of variables used in VB? $5 + 5 = 10$
- (b) Define Array. Explain two-dimensional array with example?

OR

5. Explain following : $5 + 5 = 10$
- (i) List box Controls
 - (ii) Combo box Controls

UNIT-III

6. (a) Discuss about Event procedures in VB? $5 + 5 = 10$
- (b) Write a program to check whether a given number is palindrome or not?

OR

7. What are functions in VB? How do they differ from subroutines? Write a function to add two numbers in V.B. 10

UNIT-IV

8. Explain some of the common lists that can be used when designing a page? 10

OR

9. (a) Explain the following: $5 + 5 = 10$
- (i) Variable in VB script
 - (ii) Decision making statements
- (b) Differentiate between VB and VB script?