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- (c) Differentiate between option Button and Check box.
 - (d) What is purpose of menu editor ? Write various methods to open the menu editor.
 - (e) Define database.
 - (f) What do you mean by active x control ?

Roll No.

21257

**B. Sc. (Hons.) Mathematics 2nd
Semester Examination – May, 2019**

PROGRAMMING IN VISUAL BASIC

Paper : BHM- 126 Opt. - ii

Time : Three hours] / Maximum Marks : 60

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Section. Section – V is *compulsory*. All questions carry equal marks.

SECTION – I

1. Explain the following statement alongwith syntax and example :
- (i) Select case
 - (ii) If- then- else
 - (iii) Do - Loop while
 - (iv) For - next.
- $4 \times 3 = 12$

(4)

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2. (a) Explain control array.

6

(b) Write a program to convert decimal number to its equivalent binary number. 6

SECTION - II

3. Explain the following :

$6 \times 2 = 12$

(i) Text Box

(ii) Option Button

(iii) Frame

(iv) Timer control

(v) Check box

(vi) Command Button

4. (a) Explain various controls and function which can be used for input in VB. 6

(b) What is the purpose of scroll bar control ? Explain its various type. Explain its important properties alongwith suitable example. 6

(2)

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SECTION - III

5. (a) Write a program to find value

$${}^n C_r = \frac{n!}{r!(n-r)!}$$

(b) Define procedure . Explain its various types. All explain various advantages of procedure.

6. (a) Explain various menu control properties.

(b) Explain color dialog box by taking suitable example.

SECTION - IV

7. Explain crystal report alongwith steps to create crystal report.

8. What do you mean by library functions ? Explain various library functions available in VB alongwith example.

SECTION - V

9. (a) Differentiate between visual Basic programming and Non- Visual Basic programming.

(b) What do you mean by objects in Visual Basic.

(3)

P. T. O.