

- N.B. (1) Question No. 1 is compulsory.  
 (2) Solve any four questions from Question Nos. 2 to 7.

- Q.1 a) Explain the tasks performed by Close statement of data file. [06]  
 b) Write difference between function procedure and sub procedure. [06]  
 c) List of employees is available in listbox. Write an application to add selected or all records from listbox to textbox (assume multi line property of textbox is true). [08]
- Q.2 a) Explain the role of immediate window while debugging VB Project. [06]  
 b) What is common dialog control? Explain it in detail. [06]  
 c) Create a project to find sum of numbers from 1 to current value of horizontal scrollbar. Also, display the total numbers divisible by 3 and numbers divisible by 4 in the range from 1 to current value of scrollbar on the label control. [08]
- Q.3 a) What are variables and constants? What are the naming rules for variables? [06]  
 b) Explain the pretest and posttest forms of do/loop. [06]  
 c) Create an application that accepts main string in textbox txtmainstr, and substring in textbox txtsubstr. Find out how many times substring occurs in mainstring, also state its position in mainstring. [08]
- Q.4 a) Write and Explain how to create new Class and Object for the newly Created Class. [06]  
 b) Explain how to use if statements with Option buttons and Check boxes. [06]  
 c) Explain Procedural Language, Object Oriented Language and Event Driven Language in detail. [08]
- Q.5 a) Explain the use of Call Statement. [05]  
 b) How to use VB Compiler to Compile, Debug and Run Program? [05]  
 c) Consider employee table contains three fields employee code, name and address. Display employee details in textboxes. Use navigation controls like 'next', 'previous', 'last', 'first' and 'Add', 'Delete', 'Edit', 'Save' buttons. Also, display current record number. [10]
- Q.6 a) Give difference between declaring a variable in General declaration Section of standard code module and Declaring variable in form module [06]  
 b) What is the purpose of following statements and when are they used? [06]  
 i) On Error Goto 0  
 ii) On Error Resume Next  
 iii) On Error Goto Mychoice  
 iv) OnError Resume
- c) Create an application to calculate total amount on purchase of Chocolate by customer. Chocolates are available in two packs of different make. Following are the rates of chocolate. [08]

Packs/Make	Cadbury	Nestley	Ferrero Rocher	Kitkat
20 gm	10 Rs	8 Rs.	20 Rs.	7 Rs.
50 gm	25 Rs.	16 Rs.	50 Rs.	13 Rs.

Use option button to select pack and make of chocolate.

- Q.7 a) Point out error in following Code [06]  

```
Public Sub MyProcedure ( ) as Integer
    MyForm.BackColor="Red"
    lblName.Text="Bharat"
    txtAddress="New Delhi"
End Sub
```
- b) How to pass variables to the procedure? Explain with example. [06]  
 c) Explain following properties of listbox control [08]  
 i) Listindex      ii) Itemdata  
 iii) Listcount    iv) Selcount