All questions are compulsory.

1. (a) In a MS EXCEL chart ______ helps you to select which grids to display? 8

(b) Data Labels are used for ______________________

(c) Macro is a _________________________________

(d) ______ operators are used to compare values.

(e) The PAYROLL package is used for ________________

(f) Balance sheet is used for ______________________

(g) In VB, if AMT = 7645.5678, Cint (AMT) returns a value ________________

(h) In VB, MultiLine property of a TextBox is used for ________________
2. Answer the following briefly :  
   (a) What is a GUI ?  
   (b) Explain the term Frame.  
   (c) What is the purpose of the property **Alignment** in TextBox control ?  
   (d) Differentiate between Pie chart and Doughnut chart.  
   (e) What is Inventory Analysis ?  
   (f) Write the full form of DML.  
   (g) Give the output of the command RTRIM(LTRIM(“ RAJ NIWAS “))  
   (h) What is the function of the operator NOT ?  

3. Multiple choice questions (Justify your answer in one line)  
   (a) BASIC stands for  
      (i) Beginners Access to Simple Instruction Code  
      (ii) Based on Automated System Instruction Code  
      (iii) Beginner’s All-Purpose Symbolic Instruction Code  
      (iv) None of the above  
   (b) How many times the following loop will execute ?  
      ```vba  
      Dim BiValue  
      Do While Not(Not BiValue)  
      BiValue = True  
      Loop  
      ```  
      (i) 0  
      (ii) 3  
      (iii) Infinity  
      (iv) None of the above
(c) Extension of an form files in VB is:
   (i) FRM
   (ii) FOR
   (iii) FRO
   (iv) FMM

(d) Logical operators are used to:
   (i) To operate logical values
   (ii) Manipulate data arithmetically
   (iii) Remove data contents from the memory
   (iv) To transfer values to another program

(e) Which one of the following is not an Excel Chart:
   (i) CHART
   (ii) BAR
   (iii) PIE
   (iv) DOUGHNUT

(f) How many sheets does a MS EXCEL workbook have?
   (i) 64
   (ii) 8
   (iii) 32
   (iv) None of the above

(g) DBMS stands for:
   (i) Data Base Application System Extended
   (ii) Data Base Management System
   (iii) Data Business Management System
   (iv) None of the above
(h) Which one of the following is a loop in VB
   (i) FOR
   (ii) DO
   (iii) WHILE
   (iv) All the above

4. Long questions:

   (a) Give the output for the following command in VB
       `Left(Mid(“I keep walking in the sea shore”, 10,10), 4)`

   (b) Name two properties of ListBox control.

   (c) What is the relation between Events and Properties in VB?

   (d) Name and explain its components.

   (e) Write a VB program to calculate the sum of even numbers from M to N.

   (f) Explain a Relation with respect to Data Base.

   (g) What is sorting in an Excel file?

   (h) List the sequence of steps to create a BAR chart in MS EXCEL.

   (i) Interpret the following SQL command.
       ```sql
       SELECT MAX (salary) FROM employee WHERE CITY= “Delhi”
       ```

   (j) What is a Key field with respect to MS ACCESS? Explain with example.

   (k) What is the advantage of using Data Base compared with traditional data files?

   (l) In EXCEL, if C2 : C6 contains 254, 135, 75,12,100, MIN (C2 : C6) will be 12

   (m) Write a command in VB to extract ‘PUT’ from ‘COMPUTER’.