Roll No. ☐☐☐☐☐☐☐

- Please check that this question paper contains **6** printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains **4** questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the student will read the question paper only and will not write any answer on the answer script during this period.

BUSINESS DATA PROCESSING

(Theory)

Time allowed : 3 hours   *Maximum Marks : 50*

Note :   **All** *questions are compulsory.*

1.   Fill in the blanks :   8

   (a)   In Visual Basic, the term used for the characteristics of an object such as font, color and caption is known as _____ .

   (b)   In Excel, _____ function is used to calculate the highest value from a range of cells.

(c) _____ software can speed the inventory process.

(d) The full form of MDI is _____ .

(e) _____ is an application software to calculate the monthly salary of employees.

(f) In Access, if the _____ is not entered for a field then the field name is taken as the label in Forms.

(g) In Visual Basic, the expression 100 mod 12 will return a value _____ .

(h) The formula in cell A2 is $\boxed{= B2 + B3}$. On copying this formula to cell E2, E2 will have the formula _____ .

2. Answer the following briefly :   *8*
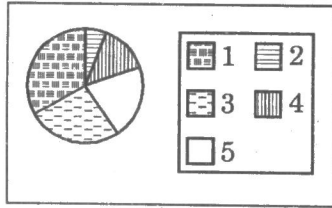
(a) What is a Tool Box in Visual Basic ?

(b) What are the two ways of running a Macro in Excel ?

(c) What is Payroll ?

(d) What is a Relational Data Base ?

(e) What is "Filtering" in an Excel sheet ?

(f) What is the role of computers in Inventory Control ?

(g) Explain the term "Scope of a Variable" in Visual Basic.

(h) What is "Validation Rule" property for a field ?

3. Multiple choice questions (Justify your answer in one line)   *8*

(a) Which of the following is **not** a type of operator in Visual Basic ?

   (i) Concatenation

   (ii) Comparison

   (iii) Simulation

   (iv) Logical

(b) Given is a Chart in Excel. **Which** of the following is the name of the Chart type ?

(i) Line

(ii) Column

(iii) Bar

(iv) Block

(c) Payroll taxes are the amount **paid** by

(i) An employee to the government

(ii) The Employer to the Employee

(iii) The Government to the Employer

(iv) The Employer to the Government

(d) In a Data Base Table, memo type fields are used for

(i) Storing alphanumeric data

(ii) Storing a large numeric value

(iii) Storing alphanumeric data which is very large

(iv) Storing a date

(e) Which of the following is an lnventory Software ?

(i) Tax Calculator

(ii) Payroll System

(iii) Report printing

(iv) Scientific Application

(f) In Visual Basic, what is the value of the variable NewResult, if NewResult = "Hello" + 45.

(i) Hello 45

(ii) Hello+45

(iii) Error

(iv) Hello

(g) Which of the following is a chart element in Excel ?

    (i) X-axis

    (ii) Table

    (iii) Cells

    (iv) Graph

(h) The expression 15 mod 7 will return a value

    (i) Error

    (ii) 1

    (iii) 7

    (iv) 0

4. Answer the following : 26

(a) Given an Excel sheet below, answer the questions (i) and (ii).

	A	B	C	D	E
1	NAME	HEIGHT	WEIGHT	AGE	
2	ASHMEET	178	56	17	
3	BINOY	167	67	18	
4	CHAROO	156	55	16	
5	LAKSH	187	81	19	
6	SAMAN	165	62	20	
7	SAROJ	179	76	18	
8	ZUBIN	181	78	19	
9					
10					

    (i) What is the formula to be entered in D10, if average AGE of all people is to be stored in D10 ?

    (ii) What is the range of cells to be selected, if a chart is to be prepared having NAME in X-axis and AGE in Y-axis ?

(b) Explain any two Logical operators. Give an example to illustrate.

(c) What is the need of Inventory Control in an organization ?

(d) Write down the steps to move a field from 2nd position to 5th position in MS-Access Table.

(e) Explain the content of a Pay-slip.

(f) What is OLE Technology ?

(g) Following is a code in VB. What is the function of the code ?

```
Dim MyName$, YourName$
MyName = "Raman"
Dim No As Integer
Dim Valid As Boolean
Do While Not Valid
        YourName = InputBox ("Enter Your Name")
        If MyName <> YourName Then
                MsgBox "Invalid Name"
                No = No +1
                If No = 3 Then
                        MsgBox "Could Not guess: Quitting.."
                        Exit Do
                End If
        Else
                Valid = True
                MsgBox "Correct!!!"
        End If
Loop
```

(h) What are Queries ? Explain in detail.

(i) What is the output of the following code in VB ?

```
StrString = "String No:"
For IntCtr = 5 to 15
        If IntCtr > 10 Then
                Exit For
        MsgBox StrString & intCtr
        intCtr = IntCtr + 2
Next IntCtr
```

(j)   Explain the steps to create a new Table in Design View.

(k)   Write the sequence of steps to create a new Macro in an Excel sheet.

(l)   Differentiate between Flat and Relational Data Base.

(m)   Write a program in Visual Basic to print Prime numbers from 5 up to 20. [Prime numbers are numbers which are divisible by one and the number]