

Roll No.

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Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains 4 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) The use of the 'Rem' keyword in VB denotes _____.
 - (b) _____ function is used to check if data entered is in a numeric form.
 - (c) To select multiple non-adjacent cells in a worksheet you will click them holding _____ key.
 - (d) _____ sheets are there in Excel workbook by default.
 - (e) _____ contains sample tables and fields you can use to create a table.
 - (f) _____ is part of database that holds all of the information about one item or subject.
 - (g) The package used for calculating salary in an organization is called _____.
 - (h) Balance sheet is used for _____.

2. Answer the following briefly : 8
 - (a) What is the keyboard shortcut for running a project in VB ?
 - (b) Which property reads the database file ?
 - (c) What is a database ?
 - (d) What is Inventory Analysis ?
 - (e) What is the extension of MS Access database ?

- (f) What is the utility of auto report ?
- (g) Name two types of charts that you can create in Excel.
- (h). What is absolute cell referencing ?

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

8

- (a) In a company payroll is the sum of all financial records of
 - (A) wages
 - (B) deductions
 - (C) salaries and bonuses
 - (D) All of the above
- (b) Data can be arranged in ascending or descending order by using
 - (A) sort command from Table menu
 - (B) sort command from Data menu
 - (C) sort command from Tools menu
 - (D) None of these
- (c) From an accounting point of view, payroll is crucial because
 - (A) payroll considerably affect the net income of most companies
 - (B) payroll and payroll taxes are subject to laws and regulation
 - (C) payroll taxes considerably affect the net income of most companies
 - (D) All of the above
- (d) What field type is used to store picture in a table ?
 - (A) Memo
 - (B) OLE
 - (C) Hyperlink
 - (D) None
- (e) Which of the following formulas will Excel not be able to calculate ?
 - (A) =SUM(Sales)-A3
 - (B) =SUM(A1:A5)*.5
 - (C) =SUM(A1:A5)/(10-10)
 - (D) =SUM(A1:A5)-10
- (f) A typical worksheet has _____ number of columns
 - (A) 128
 - (B) 256
 - (C) 512
 - (D) 1024
- (g) A program construct used for selection is
 - (A) iteration
 - (B) for loop
 - (C) select case
 - (D) a sequence
- (h) The location of the form on the desktop during execution is determined by the
 - (A) Form Designer window
 - (B) Project Explorer window
 - (C) Context menu
 - (D) Form layout window

4. Answer the following :

(a) Given question is based on the following code :

2

```
Private Sub cmdValidate_Click ()  
Dim intUserInput As Integer  
Dim X As Currency
```

```
intUserInput = CInt (txtNum1.Text)  
X = 40
```

```
If intUserInput > X Then  
Print "True"  
txtNum1.Text = intUserInput & ">" & X  
ElseIf intUserInput = X Then  
Print "True"  
txtNum1.Text = intUserInput & "=" & X  
Else  
Print "False"  
txtNum1.Text = intUserInput & "<" & X  
End If
```

```
End Sub
```

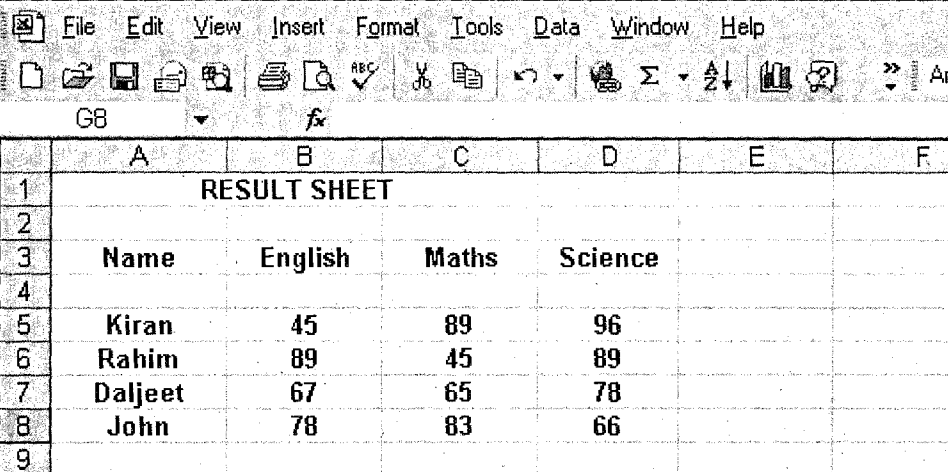
What output is displayed when the textbox is left blank and the user clicks on the command button ?

- (A) False printed on the form and $0 < 40$ in the textbox
- (B) True printed on the form and $0 > 40$ in the textbox
- (C) A Run-Time error occurs
- (D) None of the above

(b) Write the difference between label control and textbox control.

2

(c) 



	A	B	C	D	E	F
1	RESULT SHEET					
2						
3	Name	English	Maths	Science		
4						
5	Kiran	45	89	96		
6	Rahim	89	45	89		
7	Daljeet	67	65	78		
8	John	78	83	66		
9						

Refer to the worksheet shown above :

- (i) Write the formula to calculate the average marks in English. 1
- (ii) Write the formula to calculate the total marks of John. 1
- (iii) Write the formula to be written in E5 for calculating the percentage marks. 1
- (iv) Which referencing will be used in copying the formula of E5 till E8 ? 1
- (d) Study the relation given below and answer the following : 2

FL_NO	ST_PT	END_PT	NO_OF_FLIGHTS	NO_OF_STOPS
IC301	Mumbai	Delhi	8	0
IC799	Banglore	Delhi	2	1
MC101	Indore	Mumbai	3	0
MU499	Delhi	Mumbai	8	0

Suggest the data types that should be used for each of the fields in this table

- (e) Consider one more table as shown : 2

FL_NO	AIRLINES	FARE	TAX%
IC301	Indian	6500	10
MC101	Kingfisher	3500	10
IC799	Indian	9400	5
MU499	Sahara	7500	5

Which type of relationship exists between two tables.

- (f) Define the terms Primary key and Alternate key with respect to a database. 2
- (g) What field type is used to store picture in a table ? 1
- (h) Write the use of properties window. 2
- (i) Write a program in visual basic to accept the day no. in a text box and to display the day of week. 2
- (j) Name any four application areas of databases. 2
- (k) What is inventory control ? 2
- (l) Which operators are used to compare values ? 1
- (m) What is the use of balance sheet ? 2