Unique Paper Code	:	234552
Name of the Paper	:	Visual Programming - I
Name of the Course	:	B.A.(Prog) Computer Application
Semester	:	V
Duration of examination	:	3 hours
Maximum marks	:	45

Instruction for candidates:

Section – A is compulsory.

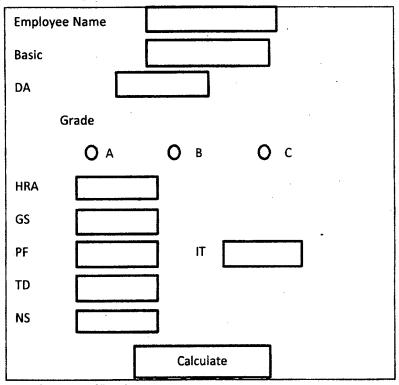Attempt any three questions from Section – B.

Section - A

Q.1. a) Write the steps for planning and developing a VB project. (3)
     b) What is variant data type? Explain with an example. (2)
     c) What is the purpose of .vbp, .frm, .bas and .ocx files in VB? (4)
     d) What do you mean by Validation in VB? Explain different types of validations. (4)
     e) Correct the following VB statement: (2)

           i)   intMarks = txtMarks.text
           ii)   For index=10 to 1 step 2

                 Print "Hello"

               Next index

Section - B

Q.2.

   a) What is Tool Tip? How do you make Tool Tip appear? (2)
   b) Write VB code to compute the sum of the following series:
      1+2+3+4......n (4)
   c) Explain FormatPercent with an example. (2)
   d) Write a VB statement to copy the text from a TextBox txtInput into a Label lblDisplay. (2)

Q.3. a) Using the following form in VB, calculate salary of employees based on following information:

    i)   DA is 40% of Basic
    ii)   Use option button to calculate HRA. If the employee is in grade A then HRA is 40% of Basic. If the employee is in grade B then HRA is 50% of Basic. If the employee is in grade C then HRA is 30% of Basic.

iii) GS = Basic + DA + HRA
iv) PF and IT are 10% of Basic
v) TD = PF + IT
vi) NS = GS – TD   (8)

b) You can display program output in a text box or a label. When should you use a text box? When would a label be appropriate?   (2)

Q.4.
   a) Write VB program to print the largest of any given three numbers.   (3)
   b) What is difference between a Compile time error and run time error? Explain with the help of example.   (4)
   c) What are constant identifiers?   (1)

   d) Which statement(s) in VB is used for terminating the loop in between? Give an example.   (1)

   e) Give the value of the following expression:
      (Y^X)+Z*2 assuming X =2, Y=3 and Z =4   (1)

Q.5 a) Find the value of the variable sum in the following code: (2)

```
sum=0

count=1

do while count<=10

        sum=sum+count

        if sum>=10 then

                exitdo

        endif

        count=count+1

loop
```

b)What is an VB event? Give an example.   (2)

c) Explain the date and time data types in VB.   (2)

d) Write VB conditional statement to calculate the commission of a salesman on the basis of following criteria :

Items sold	Commission
First 100 items	Rs 500
101 – 300	Rs 800
Above 300	Rs 1000
                                                                                           (4)

Q.6. a) Explain the remark, assignment and end statement in VB.   (6)

      b) What is the output of the following:

              i) Mid("Good Day",3,4)

              ii) Right("In the beginning",3)   (2)

      c) Explain the situations in which check boxes and option buttons are used.   (2)