Duration : 2 hrs. 11/03/08

CODE - DATIA

Marks :60

N.B.: 1) **Attempt all questions.**
2) **Figures to the right indicate marks.**
3) **While writing programs specify the assumptions used if any.**

Q.1 A) 1) What is CD-ROM ? What are the types of CD?   5
2) What are the uses of CD–ROM in business application?   5

OR

A) What is internet? Give the uses of e-mail in business application.   10

B) Write a short note on   5
1) Tax planning & Preparation software

OR

B) Write a short note on   5
1) Business Planning software

Q.2 A) What are the operators used in C-language? Explain them with examples.   10

OR

A) What are user defined functions? Explain with example.   10

B) Explain the concept of array with example.   5

OR

B) Explain switch-case statement with example.   5

Q.3 A) What are the softwares used in Desk Top publications (DTP)? How do they makes effect on advertizement ?   10

OR

A) What are the softwares used in office environment? How do they makes effect on day to day work at office administration & communication?   10

B) Define   1) Data Backup   5
                2) Optical Storage

OR

B) What is the effect of e-mail, Internet & Fax on business conferencing ?   5

Q.4 A) Name the control / repetative statements. Explain any one with example.   5

OR

A) Define :- 1) Symbolic Constants   5
            2) Variables

B) Give the output for following programs (Any One)   5

1)
```
# include <stdio.h>
# include <conio.h>
main ( )
{
    int S1, S2, S3;
    float avg;
    scanf ("\n %d, %d, %d", & S1, & S2, & S3);
        avg = (S1 + S2 + S3) / 3;
      if (avg => 60)
      {    print f (" \n First class");
           print f (" \n \t percentage = %·2f", avg);
      }
      else
      {    print f (" \n Pass class");
           print f (" \n \t percentage = %·2f", avg);
      }
      ( * If input S1 = 70, S2 = 80, S3 = 65
      &       S1 = 60, S2 = 65, S3 = 40 *)
```

OR

1)   5
```
# include <stdio.h>
# include <conio.h>
Void main ( )
{
    int n, C, f1, f2, fnew;
    n = 10 ;
    F1 = 1; F2 = 1;
    for (C = 1; C< = 10; C ++)
    {
        fnew = f1 + f2;
            f1 = f2;
            f2 = fnew;
          print f("%d", fnew);
    }
}
```

C) Write a program in C-language to enter the cost of product. If cost is greater   5
than 500 then apply 2% discount otherwise no discount. Print the final cost after
deducting discount with proper message.

OR

C) Write a program in C-language to print the sum of squares of numbers from   5
1 to 50 eg. sum = $1^2 + 2^2 + 3^2 .... + 50^2$