

(a) Arithmetic (b) Logical (c) Relational

Section-B (Short Answer)

Note: Answer any EIGHT of the following questions. Each question carries 05 marks.

- Q.2 What is the difference between compiler and interpreter?
- Q.3 What is logical Errors?
- Q.4 Write a program in C language which display the following series by using for statement.
1/2, 3/4, 5/6, 7/8, 9/10, 11/12.
- Q.5 What is the use of "include" directive?
- Q.6 What is the difference between scanf () function? And gets () function.
- Q.7 Write a syntax | format | general form of for statement?
- Q.8 Draw a flow chart of switch ... Case statement.
- Q.9 Define built-in or system define function.
- Q.10 Convert the following arithmetic expression in C expression.
(i) $g = 3/2 + 3 * 4/3 - 3 + 1.5/3$ (Assume g to be float)
(ii) $N = 3*2/2 + 3/2 * 2 + 2 + 3.2$ (Assume N to be on into)
- Q.11 What will be the output of the following program?

```
Void main ( void )
{
    Intx;
    x = 10;
    do
    {
        Printf( "in%d", x);
    }
    While ( x > 100);
    getch ( );
}
```

- Q.12 How to one-dimensional array is initialized in C program?

Section-C (Descriptive Answer)

Note: Answer any TWO of the following questions.

- Q.13 Write a program of average of four numbers and draw a flow chart also.
- Q.14(a): What is the difference between while loop and do ... while loop.
(b) Make a program of factorial of 4 by using while loop.
- Q.15 Write short notes on any TWO of the following.
(i) Nested if statement
(ii) Difference between clrscr (); and clear device (); function
(iii) Array (iv) Selection Structure