

BV (1)/IT-1.3/17 (AC/BNC/NCC/PKC)

2017

INFORMATION TECHNOLOGY

QP: Domestic Data Entry Operator

Paper: S-1.3

(Introduction to Computer Programming)

Full Marks : 40

Time : 2 hours

The figures in the margin indicate full marks
for the questions

1. Answer the following questions as directed :

1X5=5

(a) 2 bytes = _____ bit.
(Fill up the blank)

(b) What is ternary operator?

(c) int *p means p is a pointer type integer.
(Write True or False)

(2)

(d) Write the output for the following code :

```
int i=10
while(i<15)
{
    i++;
    if(i==14 )
        continue;
    printf("%d",i);
}
```

(i) 14

(ii) 11, 12, 13, 14, 15

(iii) 11, 12, 13

(iv) 14, 15

(e) What do you mean by file?

2. Answer any five of the following questions :

2X5=10

(a) Differentiate between '==' and '=' .

(b) What is loop? Define an infinite loop.

(c) Write a C program to find whether the given number is odd or even.

(d) Write the output :

$((60 > 30) ? 80 : 100) < 30 ? 150 : 90 = ?$

(e) Write the differences between 'while' and 'do-while' loop.

(Continue)

(3)

(f) What are the different types of storage classes?

(g) Write the functions of fclose() and fseek().

3. Answer any three of the following questions:

5X3=15

(a) What do you mean by structure? Declare a structure named "student" with the data members Roll No, Name, Address and Marks obtained.

(b) What is loop? Describe different types of loops used in C language.

(c) Describe High Level Language and Low Level Language.

(d) What do mean by conditional statement? Write about relational operator.

(e) What is flowchart? Draw a flowchart to find the sum of positive odd numbers less than 10.

4. Answer any one of the following questions:

10 X 1=10

(a) What is array? Write a program to find the summation of two matrices.

(b) What do you mean by sorting? Write a program to implement Bubble Sort using function.

(c) Describe recursion? Write a program to find the Factorial of a number using recursion.

8A-200/403 BV (1)/IT-1.3/17 (AC/BNC/NCC/PKC)