



**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
COMPUTER DEPARTMENT**

SESSION 2014-2015

**CLASS : F. E
DURATION: 1 Hour**

**Branch: All
Set : B**

**SEM : II
MAX MARKS: 20**

**SUB: Structured Programming Approach
Term Test-I**

N.B.: (1) All Qs are compulsory.
(2) Figures to the right indicate full marks.

- Q1 Solve any 5
- a. Give the Syntax of switch case statement. [2]
 - b. Explain pre-increment and post-increment operator. [2]
 - c. State two features of C-language. [2]
 - d. Enlist different format specifier with their use. [2]
 - e. Define algorithm with example. [2]
 - f. State the logical and relational operator available in C-language. [2]

- Q2 a) WAP to check whether entered number is prime or not. [5]

OR

- b) WAP to calculate summation of series $1/2-3/4+5/6-7/8+\dots$ upto n terms. [5]

- Q3 a) WAP to print the following pattern (Not only 4 lines, it Should print n lines taken from user) [5]

```
    A
   B B
  C C C
 D D D D
```

OR

- b) Write program to sum all the odd numbers between 1 to 40. [5]

***** Best Luck *****