

END SEMESTER EXAMINATION

MAY-2012

CO-116 COMPUTER PROGRAMMING FUNDAMENTALS

Time: 3:00 Hours

Max. Marks: 70

Note : Answer any **FIVE** questions.
Assume suitable missing data, if any.

1[a] What will be output of the following code?

```
void main ( )
{
    int i = 0, a[3];
    a[i] = i++;
    printf ("%d", a[i]);
}
```

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2[b] How many keywords are there in C and C++? List any four C language keywords and any four C++ keywords with their purpose. 6

3[c] Write a program to create an array of 10 elements. Create a function to accept array and return sum of all the elements of the array. 6

4[d] Explain the difference between function definition & function declaration. Give suitable examples. 6

5[e] Explain the following

- (i) Algorithm
- (ii) Flowchart
- (iii) High level language
- (iv) Low level language

8

6[f] Identify the following tokens, justify

(i) 53U (ii) A53 (iii) '53' (iv) A.53 (v) 053

(vi) 53e0.2 (vii) "Hello53" (viii) '5'.

8

7[g] Write a program to compare two strings without using strcmp() function. 6

8[h] Write a program in C to open a file for reading & writing. Convert all lower cases to upper cases then write the same in a new file. 8