

Reg. No. : ~~XXXXXXXXXXXXXX~~Name : ~~XXXXXXXXXXXX~~

I Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.M./B.C.A./B.S.W./  
 B.A. Afsal-UI-Ulama Degree (CCSS-Regular/Supple./Improvement)  
 Examination, November 2013  
**COMPLEMENTARY COURSE IN COMPUTER SCIENCE**  
**1C01 CSC : Introduction to IT and C Programming**

Time : 3 Hours

Max. Weightage : 21

**Instructions :** Section A : Answer **all** questions. Weightage for a bunch of **four** question is **one**.

Section B : Answer **any five**. Weightage **1 each**.

Section C : Answer **any five**. Weightage **2 each**.

Section D : Answer **any one**. Weightage **4**.

## SECTION – A

Answer **all** questions. Weightage for a bunch of **four** question is **1**.

1. Fill the missing octal number :

31, 32, 33, 34, 35, 36, 37, .....

- a) 41                      b) 38                      c) 40                      d) 39

2. The digital system usually operated on \_\_\_\_\_ system.

- a) Decimal              b) Octal                      c) Binary                      d) Hexadecimal

3. Which of the following is not hardware ?

- a) Magnetic tape    b) Printer                      c) Interpreter                      d) VDU

4. A step by step procedure used to solve a problem is called \_\_\_\_\_

- a) Operating System                      b) Linker  
 c) Compiler                      d) Algorithm

5. A variable that holds the memory address of another object is called \_\_\_\_\_

6. A compound statement is a group of statements included between a pair of \_\_\_\_\_

- a) double quote    b) parenthesis                      c) curly braces                      d) none of the above



7. A \_\_\_\_\_ is a collection of data items under one name in which the items share the same storage.

8. The parameters used in a function call are called \_\_\_\_\_ (2×1=2)

### SECTION – B

Answer **any 5** questions. Weightage **1 each**.

9. Convert the binary number 110011.111 into decimal.

10. What is cache memory ?

11. What is a non-impact printer ?

12. List any four input devices ?

13. List all relational operators in C.

14. What is a library function ?

15. Define structure.

16. Write a program to find largest of two numbers. (5×1=5)

### SECTION – C

Answer **any 5** questions. Weightage **2 each**.

17. Differentiate between primary and secondary memory.

18. Write a short note on :

a) CD ROM

b) DVD.

19. What is an interpreter ? How does it differ from a compiler ?

20. Convert the following Binary numbers to octal and hexadecimal numbers

a) 11101110.0011

b) 111011.1010

c) 11110011.1

d) 11111111110.1111101.



- 21. Write short notes on input and output functions in C.
- 22. With suitable example, explain the syntax of else if ladder.
- 23. Write a program to find factorial of number using recursion.
- 24. Explain various storage classes in C. (5×2=10)

SECTION – D

Answer **any one** question. Weightage **4**.

- 25. Write a short note on :
  - a) Types of printers
  - b) Conditional operator
  - c) Function prototype.
- 26. Write a program to create a structure with name, number and marks of a student. Using the structure, write a program to read and print details of n students. (1×4=4)