



M 5458

Reg. No. :

Name :

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

P.T.O.



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)
