

M 6560



SECTION – B

Answer **any five** questions. Weightage **one each**.

9. Explain the use of gets() function.
10. Give the syntax of multi-dimensional array declaration.
11. What is meant by recursion ?
12. What is a union ?
13. What is a pointer ?
14. Explain the uses of #define.
15. Give the syntax to open a file.
16. What is the use of malloc () function ?

(5×1=5)

SECTION – C

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

17. Write a program to sort a set of strings in alphabetical order.
18. What is an array ? Discuss the similarity and differences of an array as compared to a structure.
19. Distinguish between call by value and call by reference.
20. Write a program to add two matrices using function.
21. Declare a structure with fields register number, name and grades of three subjects. Write a program to read a record and print it.
22. Explain the bitwise operations in C.
23. What is a macro ? Explain with suitable examples.
24. Explain various file handling functions.

(5×2=10)

SECTION – D

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

25. What are the storage class available in C ? Explain with example.
26. Write a program to read a list of number and store the odd numbers to the file "ODD" and store the even numbers the file "EVEN". And also display the contents of these files.

(1×4=4)



Reg. No. :

Name :



H.O.D
M 6560

II Semester B.Sc. Degree (CCSS – Reg./Supple./Improv.)
Examination, May 2014
CORE COURSE IN COMPUTER SCIENCE
2B01 CSC : Advanced Programming in C

Time: 3 Hours

Max. Weightage : 21

SECTION – A

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

- I. 1. The getchar() function is used to _____
2. If the two strings are identical, then strcmp() function returns
a) -1 b) 1 c) 0 d) true
3. The arguments used in a function call is called _____
4. The abs() function returns _____
- II. 5. The members of a structure are called _____
a) Elements b) Arrays
c) Variable d) None of the above
6. The function used to release the allocated memory is
a) remove() b) free() c) delete() d) dalloc()
7. In which stage the statement
#include<stdio.h>
gets replaced by the contents of the file stdio.h
a) During editing b) During linking
c) During execution d) During preprocessing
8. The argv in command line argument stands for _____ (2×1=2)

P.T.O.