

Name : ~~.....~~.....

I Semester B.Sc. Degree (CCSS – Regular) Examination, November 2014
(2014 Admn.)

CORE COURSE IN COMPUTER SCIENCE

1B01 CSC : Introduction to Computers and Programming Languages

Time: 3 Hours

Max. Marks : 40

SECTION – A

(8×0.5=4)

1. One word answer :

- a) Data is represented in computers in _____ system.
- b) _____ is a step by step procedure for solving a problem.
- c) SDRAM is _____
- d) The BIOS stands for Basic Input Output System. It is found in the _____ of the computer and is the first piece of software that is run by the computer.
- e) There are _____ number of keywords in C language.
- f) Testing a program for any syntax or logic errors is called _____
- g) The omission of a semicolon at the end of a statement in C++ is an example of a _____ error.
- h) _____ is the format specifier used to print the values of float type variable.

SECTION – B

Write short notes on **any seven** of the following questions :

(7×2=14)

- 2. Differentiate between volatile and non-volatile memory. Give examples.
- 3. What are system buses ?
- 4. Give any four characteristics of a good program.
- 5. Define algorithm and flowchart.

P.T.O.

6. What are the various data types used in C ? Give examples.
7. Define Type conversion.
8. Differentiate between Break and Continue statement with examples.
9. Differentiate while and do..while statement with examples.
10. Define cybercrime. Give examples.
11. What is plagiarism ?

SECTION – C

Answer **any four** of the following questions :

(4×3=12)

12. What are the different types of ROM ?
13. With a neat diagram describe memory hierarchy.
14. What is Nested if else statement ? Explain with an example.
15. Write short notes on input and output functions used in C.
16. What is Software piracy ? How can one prevent software piracy ?
17. List four facilities provided by Internet through WWW.

SECTION – D

Write an essay on **any two** of the following questions :

(2×5=10)

18. Briefly explain any three secondary storage devices.
 19. Explain various control statements used in C with syntax and examples.
 20. What are the various steps involved in executing a C program ?
 21. What is IPR ? Give basic concepts of IPR.
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