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. Degree (CCSS-Reg./Supple./Improv.) Examination, November 2011
GENERAL COURSE IN COMPUTER SCIENCE
1A13 CSC : Informatics for Computer Science

Time: 3 Hours   Max. Weightage : 21

SECTION – A

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

1. Register which holds the address of the current instruction that is being executed is _____

2. EBCDIC stands for _____

3. Which of the following is not a keyword in C ?
   a) printf   b) main
   c) IF   d) None of the above

4. Operator useful for making two way decision is called _____

5. For using standard input/output functions, one must include the header file _____ in the program.

6. _____ is an exit controlled loop.
   a) do-while   b) while
   c) a and b   d) none of the above

7. _____ is a virtual network of libraries of different academic institutions.

8. Viruses that travel from computer to computer to spread their infection
   a) WORM   b) Stealth virus
   c) Logic bomb   d) Macro virus   (2×1=2)

SECTION – B

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

9. Define flowchart.

10. What is EEPROM ?

11. List arithmetic operators in C.

12. Define testing and debugging.

13. Write the syntax of else if ladder in C.

14. What are the differences between entry controlled loop and exit controlled loop ?

15. What are wikis ?

16. What are cookies ?

(5×1

SECTION – C

Answer **any 5** questions.

(Weightage 2 ea

17. Write on optical storage devices.

18. Explain instruction set of computer.

19. Write an algorithm to check whether a given number is odd or even.

20. Explain basic types of C constants.

21. What are the different types of DSL services ? What are the advantages of DSL ?

22. What is plagiarism ?

23. What is spam ?

24. What are firewalls ?

(5×2=1

SECTION – D

Answer **any one** question.

(Weightage

25. a) What are the academic services over internet ? Explain INFLIBNET, BRNET and NICNET.

 b) Write notes on open source software.

26. a) Explain formatting of input in C.

 b) Explain the structure of C program with example.

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