SN – 393

I Semester B.C.A. Degree Examination, Nov./Dec. 2010
(Y2K8 Scheme)
COMPUTER APPLICATION
BCA 103 : Computer Fundamentals

Time : 3 Hours Max. Marks : 90

Instruction *: Answer* ***all*** *the Sections.*

SECTION – A

Note : i) Answer **any ten** questions.
ii) **Each** question carries **two** marks. **(10×2=20)**

1. What are super computers ?
2. What are LASER printers ?
3. Give two examples of output devices.
4. What is the main function of ALU ?
5. Convert $(85\ B)_{16}$ to decimal format.
6. What is an application software ?
7. What is program flowchart ?
8. What is a primary key ?
9. What is the use of mail merge ?
10. What is slide shorter view ?
11. What is MAN ?
12. What is intranet ?

P.T.O.

SECTION – B

Note : i) Answer **any five** questions.
ii) **Each** question carries **five** marks. **(5×5=25)**

13. Explain any five important applications of computer.
14. Mention any five disadvantages of using MOUSE.
15. Explain EPROM.
16. Write an algorithm to find the sum of all natural numbers between 1 and n.
17. Differentiate between machine language and assembly language.
18. Write methods followed for adding and removing numbers and bullets in MS-word.
19. Explain different features of power point.
20. Write a note on E-mail.

SECTION – C

Note : i) Answer **any three** questions.
ii) **Each** question carries **fifteen** marks. **(3×15=45)**

21. a) Write a brief note on generation of computers. **8**
    b) Explain general features of computer. **7**
22. a) Explain secondary memory in detail. **8**
    b) Describe different types of output devices. **7**
23. a) Convert the following numbers to their decimal equivalents : **8**

    $(10011100)_2$, $(7325)_8$, $(ABCDE)_{16}$, $(EDCBA)_{16}$

    b) Describe low level, middle level and high level computer languages with examples. **7**
24. a) Describe all the procedures to format a table in MS-word. **8**
    b) Explain the layout of Excel screen. **7**
25. a) Explain computer security. **8**
    b) Explain network topology. **7**