

II Semester B.Sc. / B.Sc. (FAD) / B.C.A. Examination, June 2009

(Semester Scheme)

COMPUTER SCIENCE

Computer Fundamentals

(2nd Semester B.Sc. / B.Sc. (FAD) – Fresher + Repeaters)

2nd B.C.A. Repeaters only

Time : 3 Hours

Max. Marks : 90

Instruction : Answer all the Sections.

SECTION – A

I. Answer any ten questions. Each question carries two marks : (10×2=20)

- 1) Expand the terms LSI and VLSI.
- 2) What is hardware and software ?
- 3) Name the three types of language translator programs.
- 4) Define an operating system.
- 5) Convert decimal (58) to binary.
- 6) Define an algorithm.
- 7) Define a folder.
- 8) What is a word processor ?
- 9) Name any two methods of creating a slide.
- 10) What are the different views of a slide in power point presentation ?
- 11) Define LAN and WAN.
- 12) Name any two applications of internet.

P.T.O.

SECTION – B

Answer **any five** questions. **Each** question carries **five** marks.

13. Explain the applications of computers in business.
14. Differentiate between primary and secondary memory.
15. Explain any two types of printers.
16. Explain the various symbols used in a flowchart.
17. Explain the different types of calculators available in windows 98.
18. Explain the steps to add rows and columns to a worksheet in MS-Exc
19. Mention the advantages of computer networks.
20. Explain the applications of multimedia.

SECTION – C

Answer **any three** questions. **Each** question carries **fifteen** marks.

21. Explain the classification of computers in detail.
22. a) Explain the various units of a computer with a neat block diagram.
b) Briefly explain the types of viruses.



23. a) Briefly explain any five DOS Internal commands with syntax and example. **10**
- b) Perform binary arithmetic : **(2+3)**
- 1) $(11110+1011)$
- 2) $(11011-1001)$
24. a) Explain the steps to **FIND and REPLACE TEXT** in MS-word. **10**
- b) Explain any five **Mathematical functions** in MS-Excel. **5**
25. Write short notes on : **(5+5+5)**
- a) MS Power Point
- b) Network Topologies
- c) E-mail

