

**Bachelor of Computer Applications
Annual Examinations – 2006**

year

**Paper BCAD – 101
Computer Fundamental**

Time allowed: Three hours

Maximum Marks: 100

SECTION – I

Marks

Q1. Attempt all the objective type questions given below:

1X20=20

- i) What do you understand by the word computer?
- ii) Who developed difference engine?
- iii) What are the main features of fourth – generation computers?
- iv) Explain the working of CPU.
- v) Convert (225 , 225)₁₀ to binary, octal and hexadecimal.
- vi) The full form of DOS's _____ operating system.
- vii) Text file can be created with the help of _____ command.
- viii) All commands can be classified into two categories internal and external command.
- ix) The _____ command is used to copy the files present in sec's directories.
- x) _____ viruses are the first to infect data file rather than executive files.
- xi) What are the component are used for Internet?
- xii) What are the main types of memories?
- xiii) Describe the evolution of computers.
- xiv) What is multimedia?
- xv) What is internet?
- xvi) Define network.
- xvii) What is super computer?
- xviii) What is operating system?
- xix) What is intranet?
- xx) What is extranet?
- xxi) What is Bus topology?

SECTION – II

Q2. Answer any six questions in about 75-100 words each. All questions carry equal marks i.e. 5 marks each

5X6=30

- i) What do you understand by a system?
- ii) Discuss the important characteristics of a system with suitable examples.
- iii) Write a note on Work Station and personal computer.
- iv) What are the different kinds of Viruses? Explain with examples
- v) What is the importance of operating systems?
- vi) What are the additional responsibilities of a network operating system?

- vii) How has IT changed the way people used to get education?

SECTION – III

Q3. Attempt any five questions in about 300-400 words each. All questions carry equal marks i.e. 10 marks each 5X10=50

- i) Define the following :
1. Personal computer
 2. Memory
 3. Hard disks
- ii) Differentiate between primary and secondary storage with appropriate examples.
- iii) What are the additional responsibilities of a network operating system?
- iv) What is virtual reality? What purpose does a VR system serve?
- v) Describe the method of putting outlines to worksheets.
- vi) What is compiler? What is the difference between interpreter and compiler?
- vii) Define Operating system. Differentiate between system s/w and application s/w.
- viii) Define LAN, MAN, WAN. Discuss in detail.