

UG-714

BCA-01

B.C.A. DEGREE EXAMINATION – JUNE 2006.

First Year

(For candidates admitted in AY 2004-05, CY 2005
and AY 2005-06)

COMPUTER FUNDAMENTALS AND PC
SOFTWARE

Time : 3 hours

Maximum marks : 60

(AY 2004-05, CY 2005)

Maximum marks : 75

(AY 2005-06)

PART A — (4 × 5 = 20 marks)

Answer any FOUR questions.

1. What are different types of OS? Explain network operating system.
2. Explain half-duplex and full-duplex communication.
3. MS-windows is the most popular GUI for personal computers. What are its major benefits?
4. Explain briefly formatting text characters.

5. Define security and privacy. Explain software security.

6. Explain audio and visual type of media.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

7. Discuss briefly the various classification computers.
8. (a) Explain Analog and Digital Transmission.
(b) Explain the functioning of Modem and Codec.
9. Discuss briefly the different types of files and type of information that can be stored in them.
10. What are the major functions performed by antivirus programs?
11. (a) List three types of Business graphics.
(b) How will you make an effective presentation?
12. (a) What do you understand by an assembly language?
(b) List the differences between compiler and interpreter.