UG–412　　　BCA-01

U.G. DEGREE EXAMINATION –
JANUARY 2009.

(AY 2004-05 onwards)

First Year

B.C.A.

COMPUTER FUNDAMENTALS AND PC
SOFTWARE

Time : 3 hours　　　　　　Maximum marks : 60/75

Answer for 5 marks question should not exceed
2 pages.

Answer for 10 marks questions should not exceed
5 pages.

PART A — ($4 \times 5 = 20/5 \times 5 = 25$ marks)

Candidates with enrolment number starting with
A4BCA and C5BCA should answer any FOUR from the
questions 1 to 6 and all others should answer any FIVE
from the questions 1 to 7 in part A.

1.　What is meant by system software? Explain
briefly.

2.　What are the hidden files of DOS? Discuss.

3. Distinguish between Simplex, Half Duplex and Full Duplex Communication.

4. Name any two antivirus softwares and compare their features.

5. What are the secondary storage devices? Explain briefly.

6. What is the use of folders? Explain with an example.

7. Write short notes on formatting text in word files.

PART B — (4 × 10 = 40/5 × 10 = 50 marks)

Candidates with enrolment number starting with A4BCA and C5BCA should answer any FOUR from the questions 8 to 13 and all others should answer any FIVE from the questions 8 to 14 in part B.

8. Explain the main components of a computer system with a diagram.

9. Explain in detail the memory hierarchy.

10. What is cryptography? Explain.

11. Bring out some of the techniques used by the intruders to break the password.

12. Discuss the important features of MS-Word.

13. Explain how to protect an Excel file by giving a password using the available options.

14. Highlight the features of Microsoft Power Point.

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