**UG–727 BCA–01**

B.C.A. DEGREE EXAMINATION —   
JUNE, 2010.

First Year

COMPUTER FUNDAMENTALS AND PC SOFTWARE

Time : 3 hours Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Give the classification of software with examples.
2. Define ‘operating system’.
3. Explain briefly about synchronous and asynchronous transmission.
4. Name any 2 networking operating systems and bring out its features.
5. What is meant by multimedia? Give an example.
6. What is a presentation software? Give an example.
7. Write short note on ‘cut and paste’ feature.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

1. Explain the structure of operating system briefly.
2. What is meant by multiprogramming? Explain briefly.
3. What is meant by cryptography? Explain briefly.
4. What are the protection mechanism? Explain briefly.
5. Explain the file accessing methods briefly.
6. What are the classifications of virus? Explain.
7. Bring out the procedure to create a chart from the data existing in an Excel file.

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