DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, MAY 2009.

PRINCIPLES OF INFORMATION TECHNOLOGY

(2003 onwards)

Time : Three hours   Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1.   (a)   Explain the organisation of computer system.   (12)

     (b)   Explain the basic elements of computer and communication system.   (8)

2.   (a)   Discuss the features of Application Software.   (10)

     (b)   Write a detailed notes on Internet Web Browsers.
                                                            (10)

3.   (a)   Explain Data Communication and its application.
                                                            (15)

     (b)   Discuss about Desktop publishing.   (5)

4.   (a)   Explain in detail about Video Conferencing.   (10)

     (b)   Discuss in detail about Telecomputing.   (10)

5.   (a)   Explain in detail about Communication Networks.
                                                            (12)

     (b)   Discuss the functions of cable modems.   (8)

6. (a) What is the need of compression? Explain it. (10)

   (b) Discuss the following :

   (i) Hard Disk.

   (ii) Optical Disk. (10)

7. (a) Explain in detail about file management systems.
   (10)

   (b) Discuss the features of DBMS. (10)

8. (a) Explain the five generation of programming languages. (10)

   (b) Discuss the features of JAVA and Active X.

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