DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, MAY 2008.

PRINCIPLES OF INFORMATION TECHNOLOGY

(2003 onwards)

Time : Three hours   Maximum : 100 marks

Answer any FIVE questions.

1.   Discuss the revolution in computers and communications in detail.   (20)

2.   Describe about five types of application software.   (20)

3.   (a)   Explain with an example about Video/voice communication.   (10)

     (b)   What do you mean by cyberethics? Explain.   (10)

4.   (a)   Explain in detail about EDI.   (10)

     (b)   Explain the following :

           (i)   Modem.   (5)

           (ii) ISDN.   (5)

5.   (a)   Distinguish between compression and decompression.   (10)

     (b)   Explain in detail about secondary storage devices.
                                                           (10)

6.   (a)   Discuss in detail about file management system.

     (b)   Discuss the features of DBMS.

7. (a) Discuss the six phases of system analysis and design. (12)

(b) Explain the features of object oriented and visual programming. (8)

8. (a) Discuss in detail about the five generations of programming languages. (10)

(b) Explain the following :

    (i) HTML. (2)

    (ii) XML. (3)

    (iii) JAVA. (3)

    (iv) Active x. (2)

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