

B.E. (Full-Time) DEGREE END SEMESTER EXAMINATION, APRIL / MAY 2013
PRINTING TECHNOLOGY BRANCH
V SEMESTER – (REGULATIONS 2008)

PT 9303 – DIGITAL DATA HANDLING

Duration: 3 hours

Max. Marks: 100

Answer ALL Questions

PART A
(10 X 2 = 20 marks)

(7)

1. What are the advantages of pre-flighting?
2. What is Electronic Trapping?
3. What is full duplex transmission?
4. Differentiate PAN and MAN.
5. Briefly explain LZW?
6. What are the features of JPEG?
7. What is ACID rule?
8. What is a deadlock?
9. What is data diddling?
10. List the different kinds of network threats.

PART B
(5 X 16 = 80 marks)

11. Explain the various file formats used in digital workflow.
12. (a) Explain TCP/IP Protocol stack and HTTP Protocol in detail.
(or)
(b) Discuss about the star and ring topology and various network components.
13. (a) What is lossless and lossy compression? Explain any two methods of lossless compression.
(or)
(b) Explain about any one of the video compression techniques.
14. (a) What are the different features offered by Database Management Systems? Explain the different components of a DBMS.
(or)
(b) Define: Data Mining. Explain the concept of data mining by giving an example from customer analytics.
15. (a) Define Intrusion Detection system. Explain the various types of IDS.
(or)
(b) What is cryptography? Explain the different cryptographic techniques with examples.