

B.E.(Full-Time)DEGREE END SEMESTER EXAMINATION, NOV / DEC 2011
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)

1. What is pre-flighting?
2. What is the need for RIP?
3. What is full duplex transmission?
4. List out the different medias used in signal transmission.
5. Briefly explain LZW?
6. What are features of JPEG?
7. List out the characteristics of a Data Warehouse.
8. What are the differences between parent and foreign key?
9. What is data diddling?
10. What are security requirements of an operating system?

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 OSI Protocol in detail.
(or)
(b) Discuss about the star and ring topology and various network components.
13. (a) Explain about any one Vedio compression technique.
(or)
(b) What is lossless and lossy compression? Explain any two methods of lossless compression.
14. (a) What are the different features of Database Management Systems? Explain its components.
(or)
(b) Explain the concept of Replication and Fragmentation with suitable examples.
15. (a) What is a firewall? Explain the types of firewall with neat diagram.
(or)
(b) Discuss in detail the various network threats.