

15/11/13

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

1. What is the need for pre-flighting?
2. What is metadata?
3. Explain half-duplex transmission.
4. Mention the different medias used in signal transmission.
5. What is CIP4?
6. What are features of JPEG?
7. What is ACID rule?
8. What are the differences between parent and foreign key?
9. What is data diddling?
10. Mention the different kinds of network threats.

PART B

(5 X 16 = 80 marks)

11. Explain in detail the various stages in a 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) What is lossless and lossy compression? Explain any two methods of lossless compression.
(or)
(b) Explain the various file formats.
14. (a) What are the different features of Database Management Systems? Explain its components.
(or)
(b) Define Data Warehousing and Data Mining. Explain the Data Mining with an example.
15. (a) Define Intrusion Detection system. Explain the various types of IDS..
(or)
(b) What is cryptography? Explain the different cryptographic techniques.