2015-18

Full Marks : 80

Time : 4 hours

The questions are of equal value

Answer any **five** questions

1. Compare ISO-OSI and TCP/IP models of Networks.

2. Discuss different digital-analog-digital modulation methods.

3. What is line encoding? Discuss different line encoding methods.

4. What are Random Access Protocols? Discuss the CSMA/CD in detail. Write Abramson's analysis.

5. What are reservation and priority based access protocols? Discuss the concept of token passing.

6. What is Higher Data Link Control (HDLC) protocol? Discuss the different models of HDLC.

7. Discuss the concept of routing? What are the different routing protocols used in Internet?

8. Discuss IPV-4 header format.

9. Discuss different layers of ISO-OSI reference model http://www.mgkvponline.com

10. Write short notes on the following :

    (a) Stop and wait ARQ

    (b) IMAP & POP

    (c) Routers

    (d) Multiplexing.

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