Code: 9E05403d

MBA IV Semester Supplementary Examinations May 2018
DATA COMMUNICATION & NETWORK ANALYSIS
(For students admitted in 2013 as a last chance)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   (a)   State the reasons for using layered protocols in network design.
    (b)   Explain OSI architecture in detail.

2   (a)   Compare and contrast circuit switching and packet switching networks.
    (b)   Explain various types of transmission media, highlighting their merits and demerits.

3   (a)   Explain any five responsibilities of data link layer in internet model.
    (b)   Explain stop and wait protocol using suitable diagram.

4   Explain any two network layer protocols in detail.

5   Explain transmission control protocol in detail.

6   (a)   Differentiate symmetric and public key cryptography.
    (b)   Explain symmetric-key cryptography in detail.

7   (a)   Explain domain name space in detail.
    (b)   Explain name-address resolution in detail.

8   Explain ISDN services in detail.

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