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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

NOVEMBER - 2017

16PCS1D

ELECTIVE I: DATA COMMUNICATION AND NETWORKING

Time : 3 Hrs

Max.Marks : 75

SECTION-A (5x 6 =30)

Answer ALL the questions.

1. (a) Write about the Protocols and Standards.
(Or)
(b) Explain the different type of Topologies.
2. (a) Write about the different Transmission modes.
(Or)
(b) Write about the Guided and Unguided Medium.
3. (a) Explain about Ethernet.
(Or)
(b) Write about the Circuit Switched Network.
4. (a) Write about Broadband ISDN.
(Or)
(b) Write about X.25 layers.
5. (a) Explain in detail about Routers.
(Or)
(b) Write about Gateway.

SECTION-B (3x15 =45)

Answer any THREE of the following questions.

6. Explain different Layers of OSI model.
7. Explain in detail about Error detection techniques.
8. What is Multiplexing and explain about different types of Multiplexing?
9. Explain in detail about ISDN Interfaces.
10. Explain in detail about TCP / IP Network and Transport layer.

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