

No Preview
Available

Total No. of Question : [4]

Registration No. :

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Programme Name : Bachelor of Electronics and Telecommunication Engineering
Regular B.Tech.Final Year (A.Y.2023-24) ESE Sem. VII Nov.2023
VII SEMESTER (2020 BATCH)
201ETL401-Data Communication and Networks(TH)

Duration : [02:00 PM - 04:00 PM]

Date : 21 Nov, 2023

Day : Tuesday

Marks : 50

Instructions :

(Q1) All Questions are compulsory [20.0]

(1.1) Draw and explain OSI reference model in detail [6.0]

CO :- 1

Blooms Taxonomy :- Remember, Understand, Apply

(1.2) Explain HDLC with modes of operation and frame formats [7.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(1.3) Explain Sliding window protocol with neat schematic. [7.0]

CO :- 2

Blooms Taxonomy :- Remember, Understand, Apply

(Q2) All Questions are compulsory [10.0]

(2.1) Draw and explain IPv4 Datagram [4.0]

CO :- 3

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(2.2) Explain Distance Vector Routing protocol [6.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

OR [2.2 / 2.3]

(2.3) Differentiate IPv4 and IPv6 [6.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(Q3) All Questions are compulsory [10.0]

(3.1) Compare reliable and non reliable protocol [3.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(3.2) Explain User Datagram Protocol Operation in detail [7.0]

CO :- 1, 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

OR [3.2 / 3.3]

(3.3) Explain TCP with frame format in detail. [7.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(Q4) Attempt any two [10.0]

(4.1) Explain the Domain Name System [5.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(4.2) Illustrate HTTP in detail [5.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze

(4.3) Explain Remote Logging at application layer [5.0]

CO :- 4

Blooms Taxonomy :- Remember, Understand, Apply, Analyze
