R13

[7+8]

Code No: 115DT

8.a) b)

Write short note on SSH protocol.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech III Year I Semester Examinations, February - 2022 COMPUTER NETWORKS

(Common to CSE, IT)

Time: 3 hours Max. Marks: 75

Answer any five questions All questions carry equal marks

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1.a) b)	Differentiate between TCP/IP reference model with ISO-OSI reference model. What are the advantages of fiber optic cables? Explain with a neat sketch. [8]	+7]
2.	What are various types of Error Detection methods? Explain about Cyclic Redundance Check Error Detection Method with suitable example.	cy 15]
3.a) b)	Compare and contrast Pure ALOHA and Slotted ALOHA channel allocation Method What are the advantages of using gateways? [8:	ls. +7]
4.a) b)	Differentiate between learning bridges and spanning tree bridges. Write short note on repeaters, hubs and switches. [7-]	+8]
5.	How to find shortest path using Dijkstra algorithm? Explain with an example. [1	15]
6.a) b)	Explain about Hierarchical Couting with an example. What is congestion? Explain about congestion control policies. [8:	+7]
7.		and 15]
8.a)	Compare and contrast TCP and UDP Protocols.	

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