R20

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B. Tech II Year I Semester Supplementary Examinations November-2022
COMPUTER NETWORKS
CSE (Internet of Things and Cyber security Including Block Chain Technology)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Explain about Twisted pair cable.	L2	6M
	b	Briefly explain about Coaxial cable.	L1	6M

OR

2	a	Explain about the various network types.	L3	6M
	b	Briefly explain about Coaxial cable.	L1	6M

UNIT-II

3	Explain Cyclic Redundancy check method used for error detection.	L2	12M

OR

4	Write about CSMA/CA protocol.	L1	12M

UNIT-III

5	a	Write about BGP – Exterior Gateway routing protocol.	L1	6M
	b	Write about Internet control protocols.	L1	6M

OR

6	a	Explain about the Shortest Path Algorithm.	L2	6M
	b	Explain Flooding.	L2	6M

UNIT-IV

7	Discuss the various timers used by TCP to perform its various operations.	L1	12M

OR

8	Write in detail about performance issues of transport layer.	L1	12M

UNIT-V

9	Discuss about File Transfer Protocol with neat diagram.	L1	12M

OR

10	Write in detail about DNS Name Space and Domain Resource records.	L1	12M

*** END ***