Q.P. Code: 16CS527

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Reg. No: ☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations July-2021
COMPUTER NETWORKS
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	Explain about Twisted pair cable?	6M
	b	Explain about the various network types?	6M

OR

2	Write about OSI network model?	12M

UNIT-II

3	a	Explain about FDMA Channelization protocol.	6M
	b	Write about TDMA Channelization protocol.	6M

OR

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

UNIT-III

5	Explain Virtual circuit network and Datagram network with diagrams.	12M

OR

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

UNIT-IV

7	a	Describe about TCP connection Establishment.	6M
	b	Explain about TCP Connection Release.	6M

OR

8	What are the different Primitives used for transport service? Explain them.	12M

UNIT-V

9	a	Write about cookies.	6M
	b	Explain briefly about SMTP protocol.	6M

OR

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

*** END ***