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Examination: Even Semester Examination 2023

Paper Name: Computer Networks
Time: 3 Hours

Paper Code: BTECE-603
Maximum Marks: 75

Section A

Note: Attempt all the questions

(7x5=35)

Q. No.	Question	Marks	CO	BL
1.	Discuss different types of web documents used in WWW (World Wide Web).	5	CO1	BL2
2.	Explain non-persistent connections used in HTTP.	5	CO2	BL5
3.	Explain virtual circuit approach of packet switching.	5	CO3	BL2
4.	Discuss different causes of congestion in a network.	5	CO3	BL3
5.	Discuss Collision Sense Multiple Access with Collision Detection (CSMA/CD) .	5	CO5	BL4
6.	Describe non adaptive routing algorithm.	5	CO4	BL3
7.	Explain sink tree and flooding.	5	CO3	BL2

Section B

Note: Attempt any four (4) Questions

(4x10=40)

Q. No.	Question	Marks	CO	BL
1.	Discuss three important phases of circuit switching and also discuss its advantages and disadvantages.	10	CO2	BL1
2.	Describe layered architecture of OSI model in brief.	10	CO1	BL2
3.	Explain different kind of Time Division Multiplexing.	10	CO2	BL2
4.	Explain TCP and UDP protocols in detail.	10	CO3	BL6

5.	Explain ALOHA and slotted ALOHA in detail.	10	CO5	BL3
6.	Write a short note on any two of the followings: a. Multicast routing b. Broadcast routing c. Hubs d. LAN	10	CO5	BL2

BL: Blooms Taxonomy Level; (1-remembering, 2-understanding, 3-apply, 4-analyse, 5- evaluate, 6-create)

CO: Course Outcomes