

**SHRI VISHWAKARMA SKILL UNIVERSITY, DUDHOLA, PALWAL**  
**B. Tech. Computer Science & Engg. (AI/ML)- forth Semester**  
**Second SESSIONAL TEST (SESSION: 2022-2023)**

Subject Code: ETCS208  
Sem.: 4<sup>th</sup>

Subject Name: Computer Networks  
Time: 60 minute      Maximum Marks:20

**SECTION A**

Q1. Short answers type

5 × 2 = 10

Sl.	Question Description	Unit	RBT Level	Co Mapped
Q 1	Define Computer Network?	1	Understanding	Co1
Q2	What do mean by network topology?	1	Remembering	Co2
Q3	Convert to Digital signal using NRZ-L scheme: 11001010	1	Evaluating	Co3
Q4	What is the difference between MAC address and IP address ?	1	Understanding	Co1
Q5	What are different services provide by data link layer ?	2	Remembering	Co3

**SECTION B**

Q2. Long answers type (understanding, applying, analysing, evaluating) (2 questions are compulsory) 5 × 2 = 10

Sl.	Question Description	Unit	RBT Level	CO Mapped
Q 2.1	Explain the OSI reference model with neat diagram.	1	Understanding	Co1
Q 2.2	Write about Data Link layer's Flow control protocols in detail.	2	Understanding	Co3

\*\*\*\*END\*\*\*\*