D Y PATIL UNIVERSITY
RAMRAO ADIK INSTITUTE OF TECHNOLOGY
NAVI MUMBAI

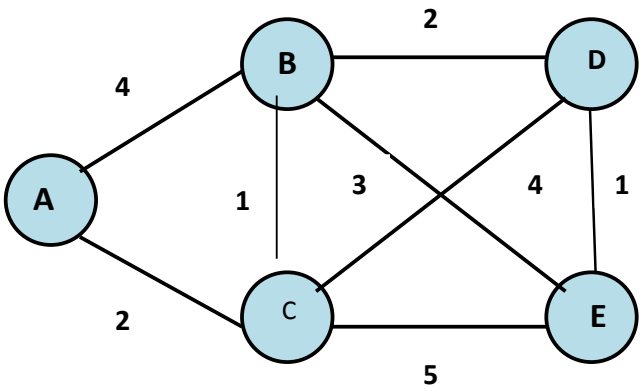
Examination: SE Semester- IV_ Internal Assessment – II EVEN SEMESTER

Course Code: CEC 404 Course Name: Computer Networks

Duration: One Hr. Max. Marks: 20

Set-1

Instructions for the Students:- All the Questions are compulsory.

	All questions are compulsory 5 marks	**BT**	**CO**
Q1	Find the shortest path from vertex Ato every vertex. 	BT3	CO4
Q**2**	Encode a binary word 10 1 1 into the even parity hamming code.	BT3	CO5
Q**3**	Differentiate between Circuit Switching and Packet Switching	BT4	CO6

Course Outcomes (CO) -Learner will be able to:

CO1: Explore the fundamental concepts computer networking and compare ISO – OSI model with TCP/IP model.
CO2: Evaluate and apply applications layer protocols.
CO3: Demonstrate the knowledge of Transport layer functions and protocols.
CO4: Design the network using IP addressing and sub netting / super netting schemes and analyze various routing algorithms and protocols at network layer.
CO5: Analyze Data Link layer protocols and congestion control algorithms.
CO6: Analyze transmission media & explore.

Bloom's Taxonomy:

BT1- Remembering, BT2- Understanding, BT3- Applying, BT4- Analyzing, BT5- Evaluating, BT6- Creating

Subject In charge **Verified DQA (Exam)** **HOD**

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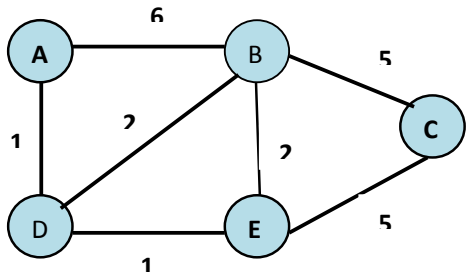
Set-2

Instructions for the Students:- All the Questions are compulsory.

	All questions are compulsory 5 marks	**BT**	**CO**
Q1	Find the shortest path from vertex A to every vertex. 	BT3	CO4
Q**2**	Encode a binary word 1100 into the even parity hamming code..	BT3	CO5
Q**3**	Differentiate between Guided and Unguided Media.	BT4	CO6

Course Outcomes (CO) -Learner will be able to:

CO1: Explore the fundamental concepts computer networking and compare ISO – OSI model with TCP/IP model.
CO2: Evaluate and apply applications layer protocols.
CO3: Demonstrate the knowledge of Transport layer functions and protocols.
CO4: Design the network using IP addressing and sub netting / super netting schemes and analyze various routing algorithms and protocols at network layer.
CO5: Analyze Data Link layer protocols and congestion control algorithms.
CO6: Analyze transmission media & explore.

Bloom's Taxonomy:

BT1- Remembering, BT2- Understanding, BT3- Applying, BT4- Analyzing, BT5- Evaluating, BT6- Creating

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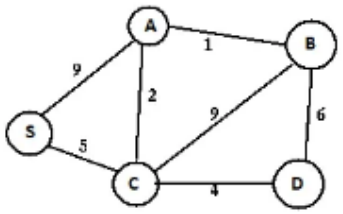
Set-1

Instructions for the Students:- All the Questions are compulsory.

	All questions are compulsory 5 marks	**BT**	**CO**
Q1	Find the shortest path from node S to every node. 	BT3	CO4
Q**2**	Encode a binary word 10 1 0 into the even parity hamming code.	BT3	CO5
Q**3**	Differentiate between Circuit Switching and Packet Switching	BT4	CO6

Course Outcomes (CO) -Learner will be able to:

CO1: Explore the fundamental concepts computer networking and compare ISO – OSI model with TCP/IP model.
CO2: Evaluate and apply applications layer protocols.
CO3: Demonstrate the knowledge of Transport layer functions and protocols.
CO4: Design the network using IP addressing and sub netting / super netting schemes and analyze various routing algorithms and protocols at network layer.
CO5: Analyze Data Link layer protocols and congestion control algorithms.
CO6: Analyze transmission media & explore.

Bloom's Taxonomy:

BT1- Remembering, BT2- Understanding, BT3- Applying, BT4- Analyzing, BT5- Evaluating, BT6- Creating

Subject In charge **Verified DQA (Exam)** **HOD**