

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering

Program: Bachelor of Science in Computer Science and Engineering

Course Title: Introduction to Computer Networks **Course Code:** CSE 3201

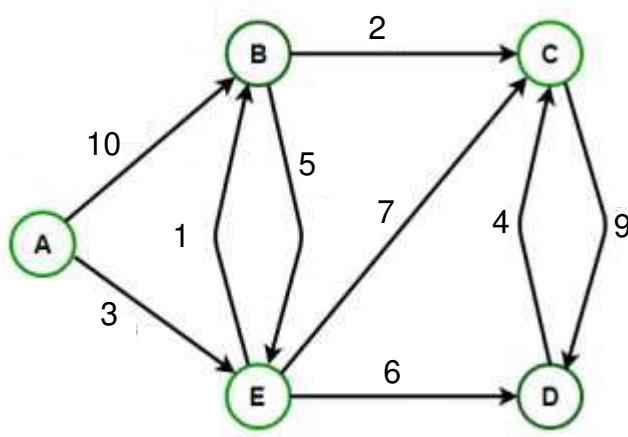
Quiz 02

Student ID: _____

Time: 15 Minutes

Questions

1. Describe how a recursive query is executed in DNS Name resolution. $2\frac{1}{2}$
2. How can Leaky Bucket Approach be of use for ensuring Quality of Service? $1\frac{2}{3}$
3. Apply Dijkstra Algorithm on the following graph. Assume that vertex A is the start node. $2\frac{1}{2}$



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Quiz 02

Student ID: _____

Time: 15 Minutes

Questions

1. Describe how an iterated query is executed in DNS Name resolution.
2. How can Additive Increase Multiplicative Decrease be used for TCP Congestion Control?
3. Apply Dijkstra Algorithm on the following graph. Assume that vertex A is the start node.

$\frac{1}{2}$
 $\frac{2}{2}$
 $\frac{2}{2}$
 $\frac{1}{3}$
 $\frac{1}{2}$
 $\frac{1}{2}$

