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Daffodil International University
Faculty of Science and Information Technology (FSIT)
Department of CIS
Quiz 2, Spring-2026

Course Title: Computer Network **Course Code:** CN 211
Time: 30 minutes **Total Marks:** 15

1.	Explain the functions of the first three layers of the OSI Model with appropriate real-world examples.	[CLO-1], [Level-2]	Marks- [5]
2.	Describe the structure of the Ethernet 802.3 frame format. Identify its main fields and explain the purpose of each field briefly.	[CLO-1], [Level-2]	Marks-[5]
3.	Given the IP address 192.168.10.0/26, perform subnetting and determine the subnet mask, number of subnets, and valid host range.	[CLO-2], [Level-3]	Marks-[5]

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Faculty of Science and Information Technology (FSIT)

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Quiz 3, Spring 2026

Course Title: Computer Networks | Course Code: CIS211

Time: 30 Mins | Total Marks: 15

Q.1	Briefly describe the issues that need to be considered while designing a wireless network.	CLO 1 Level 2
Q.2	Briefly explain how VPN provides secure communication over a public network, along with a diagram.	CLO 3 Level 2
Q.3	Explain IPsec Transport mode and Tunnel mode. Differentiate between them with respect to data protection and usage scenarios.	CLO 3 Level 2