Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

CSE 4101: Computer Networks, 4th Year 1st Semester, Fall 2021

Time: 25 minutes Full Marks: 10

Quiz #1 (Set-The North)

**ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| 1. | What is the difference between a **host** and an **end system**? Is a Web server an end system? Is a router an end system? | [3] |
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| 2. | How long does it take a packet of length 1,000 bytes to propagate over a link of distance 2,500 km, propagation speed 2.5\*10^8 m/s, and transmission rate 2 Mbps? | [3] |
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| 3. | Describe packet switching and circuit switching. | [2] |
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| 4. | Write short notes on the seven layers of the OSI reference model. | [2] |
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