**CSE 323: Computer Networks, Spring 2021**

**Class Test 2, Total Marks: 20, Time: 20 Minutes**

Q1. Assume that non-persistent HTTP is being used to access a website, which is composed of three objects. (i) Show a timing diagram to explain the response time. (ii) Calculate the total response time required to download the website if the RTT between the client and server is 500 msec, the size of the object is 400 Kbyte and the bandwidth between the client and server is 0.8 Mbps. 12

Q2. Does IP address of a host on which a process runs suffice for identifying that process? If yes, justify your answer. If no, how the problem is being solved? 8

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**Class Test 2, Total Marks: 20, Time: 20 Minutes**

Q1. Assume that persistent HTTP is being used to access a website, which is composed of three objects. (i) Show a timing diagram to explain the response time. (ii) Calculate the total response time required to download the website if the RTT between the client and server is 400 msec, the size of the object is 500 Kbyte and the bandwidth between the client and server is 0.5 Mbps. 12

Q2. Does IP address of a host on which a process runs suffice for identifying that process? If yes, justify your answer. If no, how the problem is being solved? 8