

6	Which of the following are examples for simplex transmission? A. Communication between computer and Keyboard B. Television broadcasting C. WLAN D. Bluetooth	1	L2	1	1	1.6.1
7	Examples for serial data transmission are ____ A. RS232C B. Connection between a computer and a printer C. ASCII Characters D. DVI (Digital Visual Interface)	1	L1	1	2	2.6.3
8	The network topology confirms _____ of the underlying communication network A. Structure or Layout B. File C. Server D. Storage	1	L3	2	2	2.6.3
9	The OSI stands for____ A. Open System Internet B. Open System Interface C. Open System Intranet D. Open System Interconnection	1	L1	1	1	1.6.1
10	Service to the end user is provided by _____ layer A. Transport Layer B. Session Layer C. Application Layer D. Presentation Layer	1	L2	1	2	2.6.3
11	Match the following 1. Router i) Data Link Layer 2. Hub ii) Network Layer 3. Switch iii) Protocol Converter 4. Gateway iv) Physical Layer A. 1 – ii, 2 – iv, 3 – i and 4 - iii B. 1 - iii, 2 – iv, 3 – ii and 4 – i C. 1 – iv, 2 – iii, 3 – i and 4 -ii D. 1 – i, 2 – iii, 3 – ii and 4 - iv	1	L3	1	2	2.6.3
12	Match the following 1. Port Address i) Data Link Layer 2. Logical Address ii) Transport Layer 3. Physical Address iii) Application Layer 4. Application specific Address iv) Network Layer A. 1 – iv, 2 – iii, 3 – ii and 4 – i B. 1 – iii, 2 – iv, 3 –ii and 4 - i C. 1 – ii, 2 – iv, 3 – i and 4 – iii D. 1 – ii, 2 – iii, 3 – iv and 4 - i	1	L3	1	2	2.6.3
13	This layer is not part of the TCP/IP model but present in the OSI model A. Network Layer B. Transport Layer C. Application Layer D. Session Layer	1	L2	1	1	1.6.1
14	What is the length of Physical Address (Ethernet) in bits? A. 32 bits B. 48 bits C. 64 bits D. 16 bits	1	L2	1	2	2.6.3
15	The main function of Transport Layer is __ A. Process- to – Process delivery of messages B. Node – to – node delivery of messages C. Updating routing tables D. Maintenance of routing tables	1	L2	1	1	1.6.1

Register Number															
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SRM Institute of Science and Technology
College of Engineering and Technology
School of Computing

Set - B

SRM Nagar, Kattankulathur – 603203, Chengalpattu District, Tamil Nadu

Academic Year: 2021-22 (Even)

Test: CLA-T1

Course Code & Title: 18CSS202J - Computer Communications

Year & Sem: II Year / IV Sem

Date: 06-04-2022

Duration: 1 Hour

Max. Marks: 25

Part – B (2 x 5 = 10 Marks)						
Instructions: Answer ANY two questions						
Q. No	Question	Marks	BL	CO	PO	PI Code
16	You have been given with 4 PCs, 2 Laptops, a Switch and a router. Construct two Local Area Networks (LAN A and LAN B) as per the following topologies and draw the configurations of the scenarios a. LAN A should have 2 PCs and 1 Laptop connected with a switch. Connect the end devices with a switch using Star Topology. (1 Mark) b. Lab B has 2 PCs and a Laptop connected with a Router. Connect the end devices with a Ring Topology. (1 Mark) c. Discuss the pros and cons of the above two topologies (3 Marks)	1+1+3	L2	2	1	1.6.1
17	Distinguish between TCP/IP and OSI Layered architectures	5	L3	1	2	2.6.4
18	Describe the significances of the following addresses a. Physical Address (2 Marks) b. Logical Addresses (2 Marks) c. In which layers of OSI model, are they used? (1 Mark)	2+2+1	L1	1	1	1.6.1

Course Outcome (CO) and Bloom's level (BL) Coverage in Questions

