ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET – 25
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION **CLASS: XII**
F.M.:15 **DATE: 20.06.2020**

➢ **Choose the correct option:** **(1X15=15)**

1) This protocol is used in situations where the reliability overhead of TCP is not required:
(a) TCP (b) IP (c) FTP (d) UDP

2) This is a client-server protocol in the application layer that allows users to login and run programs on a remote computer in a network:
(a) TCP (b) FTP (c) TELNET (d) UDP

3) This allows a user at one site to interact with application programs that run on a computer at another site:
(a) TCP (b) FTP (c) TELNET (d) UDP

4) An IP address is a _____ bit binary number:
(a) 32 (b) 16 (c) 8 (d) None of these

5) It is that part of the address which is shared by all devices in a given network:
(a) Network ID (b) Host ID (c) Application ID (d) None of these

6) Any IP address that starts with '0' in binary in the first bit of the first octet:
(a) Class A (b) Class B (c) Class C (d) None of these

7) It is that part of the IP address which separates different devices having the same Network ID:
(a) Network ID (b) Host ID (c) Application ID (d) None of these

8) Any IP address that starts with '10' in binary in the first 2 bits of the first octet:
(a) Class A (b) Class B (c) Class C (d) None of these

9) Any IP address that starts with '110' in binary in the first 3 bits of the first octet:
(a) Class A (b) Class B (c) Class C (d) None of these

10) An IP address is divided into _____ octets with 8 bits per octet:
(a) 1 (b) 2 (c) 3 (d) 4

11) These addresses are used for a service called Multicast:
(a) Class B (b) Class C (c) Class D (d) Class E

12) Such addresses are generally used by middle sized or small companies:
(a) Class B (b) Class C (c) Class D (d) Class E

13) Such addresses are generally used by ISPs:
(a) Class B (b) Class C (c) Class D (d) Class E

14) Such addresses are generally used by multinational companies with very large networks:
(a) Class A (b) Class B (c) Class C (d) None of these

15) Any IP address that starts with '1110' in binary in the first octet:
(a) Class B (b) Class C (c) Class D (d) Class E

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