



FOR GOD AND COUNTRY

# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



## WORKSHEET – 12(Answer key)

**Topic – UDP, FTP, HTTP, TELNET, IP Addressing, DNS, URL**

Subject: COMPUTER SCIENCE

Class - 12

F.M:15

Chapter: Wide Area Network (WAN)

Date: 10/06/2020

**Choose the correct answer for each question:**

[15 x 1 =15]

1. Each IP address is \_\_\_\_\_ bits long.
  - a. **32**
  - b. 64
  - c. 8
  - d. 16
2. Total number of networks in class A:
  - a.  $2^4$
  - b.  $2^6$
  - c.  **$2^7$**
  - d.  $2^8$
3. Which among the following provides connectionless service and end-to-end delivery of transmission?
  - a. TCP
  - b. IP
  - c. HTTP
  - d. **UDP**
4. UDP consists of the following fields:
  - a. Source port address
  - b. Destination port address
  - c. Checksum
  - d. **All of these**
5. Which protocol allows us to access the data over the world wide web (WWW)?
  - a. FTP
  - b. UDP
  - c. **HTTP**
  - d. TCP
6. Which class of IP address provides a maximum of only 254 host addresses per network ID?
  - a. Class A
  - b. Class B
  - c. **Class C**

- d. None of these
- 7. Which class of IP address has equal length of network ID and host ID?
  - a. Class A
  - b. **Class B**
  - c. Class C
  - d. None of these
- 8. "128.1.1.1" belongs to which class of IP address:
  - a. Class A
  - b. **Class B**
  - c. Class C
  - d. None of these
- 9. \_\_\_\_\_ is a standard internet protocol used for transmitting the files from one computer to another computer.
  - a. **FTP**
  - b. HTTP
  - c. UDP
  - d. TCP
- 10. The system that maps the website/domain name to the IP address \_\_\_\_\_.
  - a. FTP
  - b. HTTP
  - c. SMTP
  - d. **DNS**
- 11. Full form of TELNET:
  - a. **Terminal Network**
  - b. Tell Network
  - c. Terminal Node
  - d. None of these
- 12. URL stands for :
  - a. Uniform Resource Loader
  - b. Uniform Resource Line
  - c. **Uniform Resource Locator**
  - d. Uniform Reading Loader
- 13. IP address is:
  - a. **Logical**
  - b. Physical
  - c. Process ID
  - d. Port Number
- 14. Which of the following protocols uses both TCP and UDP?
  - a. FTP
  - b. SMTP
  - c. Telnet

d. DNS

15. In UDP, the checksum is a \_\_\_\_\_ field used in error detection.

a. 16-bit

b. 32-bit

c. 64-bit

d. None of these

Phalguni Pramanik