

(13/5/2022 wk)

S.No. of Q. Paper 5918A

[This question paper contains 2 printed pages]

Roll No

Unique Paper Code : 61018211

Name of the Paper : Internet Technology

Name of the Course : B.Voc. (Software Development)

Semester : II

Duration : ~~3.5 Hours~~ 3 hours

Maximum Marks : 50 Marks

Instructions for Candidates:-

1. Write your Roll no. on the top immediately on receipt of this question p
2. Attempt any five questions.
3. All questions carry equal marks

Q1. Explain TCP/IP model in detail. List down the differences between OSI mod model. (10 M)

Q2. Write short notes on any four of the following : (2.5*4 =10 M)

- i. Internet Browsers
- ii. Web Server
- iii. E-commerce
- iv. FTP
- v. WWW

Q3. Differentiate between (Do any four): (2.5*4=10 M)

- i. Connectionless and Connection Oriented Service
- ii. Bridge and Gateway
- iii. Internet and Intranet
- iv. Radio Wave and Microwave Communication

Q4. A) Write a program in JavaScript to read a list of n numbers and count the numbers in the list. (5 M)

B) What do you mean by a Search Engine. Explain various types of search engines and their examples. (5 M)

Q5. A) What are the various types of list in HTML. Write a code snippet for both ordered and unordered list. Which attribute will be used if you want to list the elements in a single line in any style. (5 M)

B) Create a registration form for admission in a college with an Input Type, Select, Radio Button and Submit Button. (5 M)

Q6. A) Define TELNET. Explain remote logging using telnet with the help of a diagram.

B) What are the different types of topologies in a network? (5 M)

Q7. A) Explain different types of network topologies along with their diagram. (5 M)

B) Which of the following IPV4 addresses are valid: (2 M)

- i. 20.5.99.50
- ii. 280.99.79.9
- iii. 40.50.60.10.45
- iv. 25.256.34.7

C) What are VSAT? What are their advantages? (3 M)