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(b) Why do we need frames? What is the difference between frames and frameset? (3)

4. Differentiate between: (8)

(a) Connection Oriented and Connectionless data transmission

(b) Bridge and Hub

(c) Client Server Network and Peer to Peer Network

(d) Frame and Packet

5. Write short notes: (8)

(a) Web Crawling

(b) Telnet

(c) URL

(d) E-Mail

(200)

8/5/18 Evening

Tuesday

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 9430

Unique Paper Code : 61018211

Name of the Paper : Internet Technologies (GEC-2.2)

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

Semester : II

Duration : 3 Hours

Maximum Marks : 50

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. All questions in **Section A** are compulsory.
3. Attempt any 4 Questions from **Section B**.

SECTION - A

1. What do you mean by Computer Networks. What are the advantages of Computer Networks? (2)
2. What are the three types of transmission modes in data communication? (3)

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3. Which layer of OSI provides (1)
 - (i) Services to the user
 - (ii) Flow Control
4. What is URL? List and explain its different methods. (3)
5. What is the use of get and post methods? Give examples. (3)
6. Differentiate between vLink and aLink attributes of <Body> in HTML. (2)
7. Explain z-index property in CSS. (2)
8. What is the difference between operators == and === in Javascript? Explain with examples. (2)

SECTION B

1. Explain TCP/IP model. Compare OSI and TCP/IP Model. (8)
2. (a) Design the following HTML form. (5)

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File Upload in HTML

Name:

Address:

About the file:

File to upload: No file chosen

- (b) What is the use of <Link> tag in HTML? Explain with examples. (3)
3. (a) Write Javascript code to generate the following functionality. (5)

X:

Y:

Result:

Required Functionality: User should enter 2 values in Fields X and Y. On pressing the Add button the result of addition of fields X and Y should be displayed in the Result field.