

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

7. Differentiate between (Do any **four**): (2.5×4=10)

- (i) Connectionless and Connection Oriented Service
- (ii) Bridge and Gateway
- (iii) Internet and Intranet
- (iv) Radio Wave and Microwave Communication
- (v) Search Engines and Browsers
- (vi) Logical and Physical Addressing

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 2648

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. Attempt any **five** out of 7 questions.
3. **All** questions carry equal marks. (5×10=50 M)

1. (a) Define the following terms : (3)

(i) Offline and Online

(ii) Download and Upload

(iii) Homepage

- (b) Differentiate between `<alink>` and `<vlink>` attributes of `<body>` tag in HTML? (3)
- (c) What do you mean by URL? Explain its parts. (4)
2. Explain TCP/IP model in detail. List down the differences between OSI model and TCP/IP model. (10)
3. Write short notes on any **four** of the following : (2.5×4=10)
- (i) Internet Browsers
  - (ii) Web Server
  - (iii) E-commerce
  - (iv) FTP
  - (v) WWW
  - (vi) VOIP
4. (a) Write a JavaScript code to generate the following functionality. (5)

<b>X:</b>	<input style="width: 95%;" type="text"/>
<b>Y:</b>	<input style="width: 95%;" type="text"/>
<b>Result:</b>	<input type="button" value="Add"/> <input style="width: 95%;" type="text"/>

- Required functionality:** User should give two values, one each for **X and Y**. On pressing the **ADD** button, the sum of two should be displayed in **RESULT** field.
- (b) Define TELNET. Explain remote logging using telnet with the help of a diagram. (5)
5. (a) Explain different types of network topologies along with their diagram. (5)
- (b) Which of the following IPV4 addresses are valid : (2)
- (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)
6. (a) Explain any five elements/tags of HTML. Write a code snippet to make a document containing student's Roll No., Name, Course and Grade in tabular form. (5)