2648

- (b) Create a registration form for admission in a college with an Input Type, Select, Checkbox, Radio Button and Submit Button.
- 7. Differentiate between (Do any four): $(2.5 \times 4=10)$
 - (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

v

- 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. $(5 \times 10=50 \text{ M})$
- 1. (a) Define the following terms :

(3)

P.T.O.

- (i) Offline and Online
- (ii) Download and Upload

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(iii) Homepage

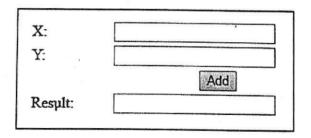
EL

(200)

2648

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- (b) Differentiate between <alink> and <vlink> attributes of <body> tag in HTML? (3)
- (c) What do you mean by URL? Explain its parts. (4)
- 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 : $(2.5 \times 4=10)$
 - (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)



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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)

P.T.O.