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| Course: CSE | |
| Paper Name: **WEB TECHNOLOGY** | Paper Code: **30000151102** |
| Paper Component: **Theory** | Semester/Part: **VI** |
| Time Allotted: 1 **hours** | Marks: 20 |

**GROUP – A**

**(Answer the following Questions : Each question carries 1 Marks)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **HTML elements which don't need to be closed, such elements are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   |  |  | | --- | --- | | 1. Empty Elements | 1. Void Elements | | 1. Blank Elements | 1. Open Elements | | 1 |
|  | **The total no. of Host in the network in which the given IP- 200.10.20.40/25 resides will be**   |  |  | | --- | --- | | 1. 32 | 1. 34 | | 1. 64 | 1. 128 | | 1 |
|  | **FTP is considered an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ protocol..**   |  |  | | --- | --- | | 1. Presentation Layer | 1. Applicatin Layer | | 1. Network Layer | 1. Physical Layer | | 1 |
|  | **An identical protocol to GBN , in which buffers used at the receiver and the sender end maintains a window of same size is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   |  |  | | --- | --- | | 1. Selective Repeat Protocol | 1. Stop and Wait protocol | | 1. Cumulative Repeat protocol | 1. None of these | | 1 |
|  | **\_\_\_\_\_\_\_\_\_\_ are used instead of an A record when there is an alias.**   |  |  | | --- | --- | | 1. NS record | 1. TXT record | | 1. CNAME record | 1. Other | | 1 |

**GROUP –B**

**(Answer any Three: Each question carries 5 Marks)**

|  |  |  |
| --- | --- | --- |
|  | What is UDP? Describe UDP Packets with a suitable picture.? | 5 |
|  | What is NAT? How does it work? | 5 |
|  | Write Short notes on   * Distance Vector Routing * RARP | 5 |
|  | Write down the characteristics of **Selective Repeat Protocol (SRP)** protocol. | 5 |
|  | What are the different error control technique is used in Data link layer? What are the limitations we can find in S**top-and- wait** protocol? | 5 |
|  | Create a HTML file to demonstrate O**rdered Lists all variants** | 5 |