

**B. C. S. E Third Year Second Semester 2021**

**Internet Technology (Set I)**

**Class Test I**

**Time- 50minutes**

**Full Marks-30**

**Answer all Questions**

1. An online store sells different types of books. When a customer enters a topic, the application suggests the title of books available at the web store. If the customer then asks to filter the books according to a given price range, the application would display the updated list. It also displays the email id of admin. **Write the corresponding code for servlet(s) that handles the request from the client along with required annotations and the code for any model class.** 10
2. (a) What are the functionalities of a container? 3  
(b) Differentiate between (I) Http GET and POST requests; (II) parameters and attributes. 4  
(c) What is the relation between a web server and a web container? 3
3. (a) How will you validate the data sent by the client for servlet-based web applications? Explain with an example. 5  
(b) How to count the no of clients who are currently logged in? 5