

Con. 3095-09.

(REVISED COURSE)

VR-5436

(216)

(3 Hours)

[Total Marks : 100

## Internet Technology &amp; Applications

N.B. : (1) Question No. 1 is **compulsory**.(2) Attempt any **four** questions out of remaining **six** questions. 3 p.m. to 6 p.m.(3) **All** questions carry **equal** marks.(4) Draw **neat** diagrams wherever **necessary**.

1. (a) Write a program in JSP to validate the data entered to book railway reservation tickets containing attributes such as Name, Gender, Age, Lower (or) Upper/middle berth etc. 10
- (b) Write servlet which display all rows of table and do the following function :— 10
  - (i) Add a row (ii) Delete a row (iii) Update row.
2. (a) Explain EDI process. 10
- (b) Explain XML, XSL with example. 10
3. (a) Explain TCP/IP protocol suite in detail. 10
- (b) Design e-mail registration form and write HTML code. 10
4. (a) Explain DNS with neat diagrams. 10
- (b) Explain with example RSA algorithm. 10
5. (a) Explain in brief about :— 10
  - (i) Cookies (ii) CSS (Cascading Style Sheet).
- (b) What is client side procesing and scripting ? Explain its need with example. 10
6. (a) Explain issues involved in e-commerce security and its solution. 10
- (b) Give advantages of ASP over CGI and JSP over ASP. 10
7. (a) What is socket programming ? Define with TCP and UDP socket, try opening a socket on a server and communicate with that from a client socket. 10
- (b) Explain Three-Tier-architecture with its advantages, disadvantages and applications. 10