Total No. of printed pages = 2

19/5th Sem/UCSE514

2021

WEB AND INTERNET TECHNOLOGY

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks for the questions.

Answer any *five* questions.

1. Write short notes on the following : 5×4=20

   (a) IMAP4   (b) POP3

   (c) SMTP   (d) HTTP

2. (a) In what different ways you can integrate CSS on a web page ?   10

   (b) What is apache ? Explain the architecture of the apache server.   10

3. Write the differences between :   5×4=20

   (a) Java and JavaScript

   (b) Var and let in JavaScript

   (c) GET and POST methods

   (d) Internet and www.

4. (a) Write a JavaScript to display a welcome message using alert whenever a button of a html form is pressed. 5

(b) Write a JavaScript that accepts a user's age and display the following messages :
If age is less than 15 then "You are a kid", if age between 16 and 40 then "You are young" and if age above 40 then "You are old". 10

(c) Write a short note on the firewall. 5

5. (a) Draw the block diagram of browser architecture and briefly explain each of the components. 10

(b) What is rendering ? Explain the rendering process with a neat diagram. 10

6. There is a database named "hostel" inmysql and a table named "boarders" with the following attributes :

boarders(roll_no, name, department, semester, hostel_name)

Write html script to create a form for taking inputs from the user and write

PHP script to insert the information into the database.

Write the PHP script to display all boarders information of "CSE" department. 20

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