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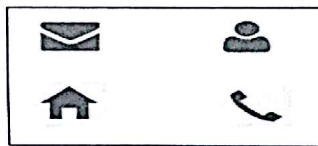
SCHOOL OF COMPUTER SCIENCE AND ENGINEERING
CAT-I
Fall Semester 2017-18

Slot	: E1		
Subject	: Internet and Web programming	Subject Code	: CSE3002
Duration	: 90 Minutes	Max. Marks	: 50

PART – A (4 *5=20)

1. Bring out the importance of scripting languages (any 5 languages) used in web system architecture and discuss about its role in website management.

2. Design a java script code to perform following operations.
   a. Get an input from the user for current hour.
      i. If the time is between 7 a.m and 9 a.m., throw a message, "Good morning Its time to start to college"
      ii. If the time is between 10 a.m. and 11 a.m., throw a message, "Good morning Its time time for tea"
      iii. If the hour is between 12pm and 2 p.m., throw a message, "Good afternoon Its time time for lunch"

3. Consider the following image and create an image map for the images inside it. On clicking mail icon, an email html program should display the email address. Like this do for all icons displaying the relevant pages.

4. Write the output for the below javascript array functions.

   Consider the array *var event=[day,months,year]*. Where day is a string array with values like Monday, Tuesday upto Sunday etc, months is a string array like January, febuaruary upto december etc.,and year is a numeric array with years 2001 to 2010.
      i. Give the output for *var event=[day,months,year]; event.splice(1, 1, "A","B","C");*
      ii. Give the output for *var events=[day,months,year]; var e=events.slice(1);*

PART – B (3 *10=30)

5. Design an examination portal page with necessary form elements as mentioned below for police selection process. The test process should be finished in 10 minutes displaying the countdown timer. Submit button should be hidden after 10 minutes.
   a. Form should have 5 multiple choice questions with 4 answers per choice.
   b. A text area control to enter "about" him.
   c. A file upload option to upload his photo
   d. On submission it should consolidate the answers and display for his confirmation.

Tool tip text should be displayed on all the controls. Use necessary HTML elements and java script events

6. Design the following form with HTML controls. Perform validation using HTML5 for all the text boxes and make it mandatory fields. Password and confirm password should be same. Password must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters.

My User Registration Override

User Registration

• Required field

Name: *

Username: *

Password: *

Confirm Password: *

Email Address: *

Confirm email Address: *

Terms of Service

☐ I agree to the terms of service for this site.

☐ I am at least 18 years old.

› Register   or Cancel

7. a. Illustrate the importance of pseudo classes and pseudo elements in CSS (4 marks).

b. Design the following web page with HTML and CSS box model. Use relevant position properties of CSS to locate logo of HSBC and Billdesk. (6 marks)

Pay HSBC Bank Credit Card bills online from any bank account   HSBC ❌

Pay your HSBC Card outstanding in 3 simple steps:

1. Provide your Card Details

   • Enter your 16 digit HSBC Card number and the amount you would like to pay
   • Select your bank account from which you would like to execute this payment
   • You will be securely re-directed to the payment interface of your chosen bank.

2. Confirm Payment

   • Enter your authentication details
     (Net Banking User ID and Password of your Bank Account / Equivalent details).
   • Confirm payment amount
   • Your account will get debited instantaneously

3. Receive online confirmation

   • You will receive an online transaction confirmation and a Transaction Reference Number

Pay Now

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BillDesk