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Question Paper Code: ACS006



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

B.Tech IV Semester End Examinations (Supplementary) - June, 2018

Regulation: IARE – R16

WEB TECHNOLOGIES

Time: 3 Hours

(CSE)

Max Marks: 70

Answer ONE Question from each Unit

All Questions Carry Equal Marks

All parts of the question must be answered in one place only

UNIT – I

- (a) Create online resume in HTML, create 3 sections namely personal, education and achievements. Define the style in style.css file for all the sections. [7M]

(b) Consider an array of stock (NSE, BSE etc..) add one function to the array which will list the stocks which are in profit with at least 5%. [7M]
- (a) Explain any 7 input tags of HTML form. [7M]

(b) Illustrate simple cart with the help of java script; consider an array which consists of all the items, user can add the item to cart along with quantity. Remove item from the cart, on check out the bill should be shown to the user in dialog box. [7M]

UNIT – II

- (a) List and explain any 10 events and their tag attributes. [7M]

(b) What is Document Type Definition(DTD)? Give the declaration syntax for internal and external DTDs. [7M]
- (a) What is an XML parser? Explain about various types of XML parsers and the terminology used for describing the structure of XML document. [7M]

(b) Illustrate how XML documents are validated using a DTD file. [7M]

UNIT – III

- (a) Create web client by using session that displays list of books which can be selected/unselected and purchased. Books that are purchased are held in other form. If the ADD button is clicked then selected books are added to the other form and display those books in that form. If the REMOVE button is clicked then selected books are removed from that form. [7M]

(b) Briefly explain various steps of Java Database Connection(JDBC) process. [7M]
- (a) Write simple servlet code for printing “Hello World” on the screen. [7M]

(b) Explain various types of JDBC drivers. [7M]

UNIT – IV

7. (a) Write a PHP function to find whether a number is perfect or not. [7M]
(b) Consider make my trip application where user gives his option to book travel or accommodation. How do you make this application to remember the details of destination and source for 30 days in the browser. [7M]
8. (a) Explain the various string functions in PHP. [7M]
(b) Create a registration form(Username, Firsrname, LastName, Password, ConfirmPassword, E-mail Id, Gender) in HTML and validate them using PHP. [7M]

UNIT – V

9. (a) Explain the Model View Controller(MVC) architecture used in the PHP with neat diagram. [7M]
(b) Write a PHP script which accepts sales transaction information (product code, name, quantity, rate per unit) for five items display bill in tabular format on the next form. [7M]
10. (a) Distinguish between an include() and require() function with an example. [7M]
(b) Explain the working of PHP and AJAX with example. [7M]

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