### **King Saud University**

### **College of Computer and Information Sciences**

### **Department of Computer Science**

### **CSC 457 Internet Technologies**

### Second Semester, 14371438 Time: 1:00 – 4:00 PM

### ***(Answer all 10 questions)***

### **Final Exam**

**Question 1.**What is a web server? Give 2 examples and explain their advantages and disadvantages? (10 points)

**Question 2.**What is a Virtual Host? And what are the advantages of using it ? Explain its methods in details? (10 points)

**Question 3.**Write an HTML file to create a webpage that has the following features (10 points) :

### Title of the webpage "CSC457 Internet Technology"

### Background color is yellow, center alignment, font color is red ,and font size is 24pt using **class attribute and CSS external file**.

### Write "This is a red centered paragraph" in the webpage.

**Question 4.**Write a java script to detect and dsiplay the following properties of a browser: Browser name, if cookie is enabled, and the language being used. (10 points)

**Question 5.** List and explain the advantages and disadvantages of the three possibilities of making a web site dynamic? (10 points)

**Question 6.** Write an HTML code using an ASP script to display a dropdown list has three options ( display hello word, redirect to Yahoo.com, and redirect to Google.com) . Show all file names and their extensions. (10 points)

**Question 7.** What is an ASP session and why would we need it? How is it created and destroyed? (10 points)

**Question 8.** List the steps needed to access the database from an ASP Page? (10 points)

**Question 9.** What is a Web Service ? What is the SOAP ? Explain the SOAP elements briefly ? (10 points)

### **Question 10.**Write a .NET webservice to add 2 numbers and return the result. Show the webservice extension file name and the attributes being used. The domain name to host the websirvice is : [**www.abcd.com**](http://www.abcd.com) and the directory is **mywebservice.** (10points**)**

**Question 7.** What is an ASP session and why would we need it? How is it created and destroyed?

* ASP session is a state that is used to store and retrieve values of a user.
* We need it because web server do not know who you are and what you do.
* ASP's Session Object is only created when we store information into the Session Contents collection.
* The server destroys the Session object when the session expires or is abandoned.