### King Saud University

### College of Computer and Information Sciences

### Department of Computer Science

### CSC 457Internet Technologies

### Second Semester, 1436/1437 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(10points**)**:

### 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 an HTML code using Java script to popup an alert has a "Hello World" message when clicking on a button? (10 points)

### **Question 5.**Write a java script to detect and dsiplay the following properties of a browser: Browser type, if cookie is enabled, and the language being used. (10 points)

### **Question 6.** List and explain the advantages and disadvantages of the three possibilities of making a web site dynamic? (10 points)

### **Question 7.**What is a Namespaces in XML ? How it could be used? (10 points)

### **Question 8.**What is a Web Service ? What is the SOAP ? Explain the SOAP elements briefly ? (10 points)

### **Question 9.**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 10.** List the steps needed to access the database from an ASP Page? (10 points)