## Course: Internet Technologies

**Academic Session: Sep-Dec, 2020**

## Quiz-1

**Duration of the Test: 45 Mins**                                **Max.Marks:20**

## Note:

1) **Write your answers on the paper take the photo of your answer sheet(s) and then submit as a single pdf file with studentID as FILE NAME. (or)**
2) **You can type your answers using the word processor, save the file as pdf with the studentID as FILE NAME and submit.**

## Short Answer Questions: Attempt all the Questions (10*2=20 Marks)

**1) A http session was established between a client and the server. But, the cookies were disabled on the browser. How the session was realized? Try to explain it through steps in HTTP protocol.**

**2) Consider the XML** <rectangle colour="black"> <length> 5 </length> <width> 4 </width></rectangle>
**Write a Java Script program to calculate the area and display on the web page.**

**3) Write a PHP script to swap the values for the following JSON object:**
**Obj1={"AAA":10,"BBB":20 }**

**4) Consider an Input form field "Surname" and check that it is properly filled, through a servlet program.**

**5) Consider an E-Commerce application such as amazon.in. What can be the "MVC" framework components in this application?**

**6) Write a JSP program to fetch a number from a HTML form and displays its factorial using a function definition.**

**7) Write a jQuery statement to display an image randomly taken from a folder**

**8) Write the typical steps of a POP protocol**

**9) Use the *"open()"* method of AJAX that is used to retrieve the data synchronously from the www.uohyd.ac.in:_____**

**10) Write the HTML and CSS fragment to set the settings for displaying a video of size 480x240 px in a web page :_____**