



Jahangirnagar University
Department of Computer Science and Engineering
3rd Year 1st Semester B.Sc. (Hons.) Final Examination -2020

Course Title: ***Web Design and Programming***
Time: **45 Minutes.**

Course No: **CSE-305**
Full Marks: **10**

Section-A

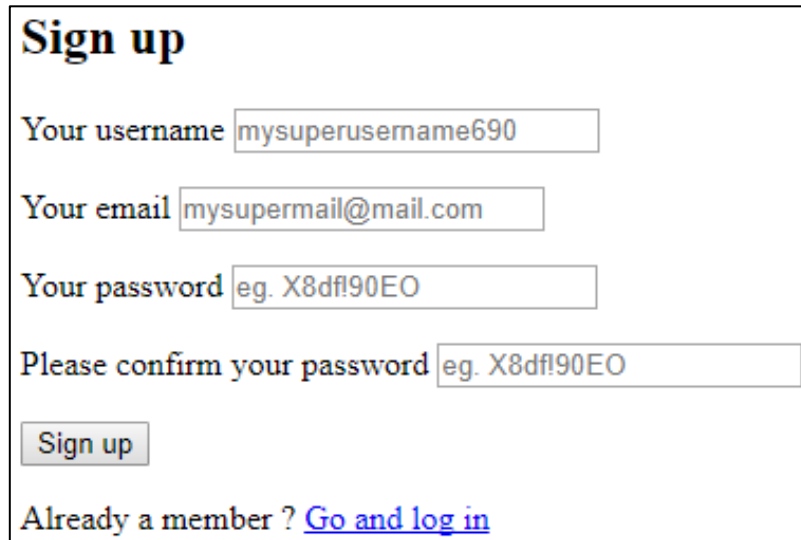
[There are 3(**Three**) questions. Answer any 2(**Two**) questions. Figures in the right margin indicate marks.]

1. a) Identify the factors influence the development of web architectures? Lists the components of the generic web application architecture. 2.5
- b) Illustrate the differentiation between **php include()** and **require()** function with an appropriate example. 2.5
- c) Mr. Xavier is a full stack Software Developer in a company. Recently, the database team of his company has been migrated to a new building. The IP of new building is different. Now it become dire need for Xavier to update his credentials for working in his present project. The new host link of the database server is "11.27.47.01", the port number of MySQL server is "3307", the username is "xavier", password is "HoldTheDoor" and database name is "GameOfStones". Now help Xavier by solving the following problem. 2.5
Describe with code and example the process of inserting data to a table (e.g. "Stark") of database (e.g. "GameOfStones") using PHP script with HTML form.

Section-B

[There are 2(**Two**) questions. Answer any 1(**One**) question. Figures in the right margin indicate marks.]

2. a) Analyze the following Form in Fig-01 by writing the appropriate code using HTML and validate it using JavaScript. 5



The image shows a 'Sign up' form with the following elements:

- Sign up** (Section Header)
- Your username**
- Your email**
- Your password**
- Please confirm your password**
-
- Already a member ?** [Go and log in](#)

Fig-01: Sign-Up Form

- b) Analyze the following Fig-02 by writing the appropriate code using HTML and CSS. 5

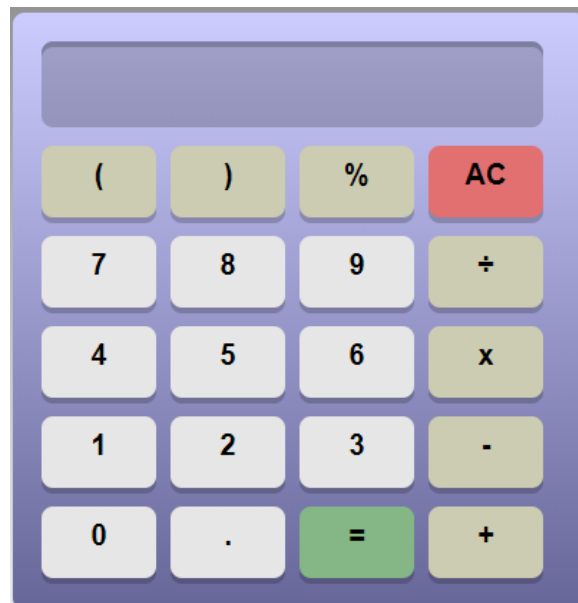


Fig-02: Simple Calculator
