

POKHARA UNIVERSITY

Level: Bachelor
Programme:BE
Course:Web Technology

Semester:Fall

Year : 2020
Full Marks: 100
Pass Marks: 45
Time : 3hrs.

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt all the questions.

1. a) What is web standard? Explain different types of web standards available in web technology with example. 8
- b) Define DNS? Explain the uses of following protocols in web technology: 7
 - i)HTTP
 - ii)POP
 - iii) FTP

2. a) Write HTML tags to generate the following forms: 8

Students Data Entry Form

Student Name:

Address:

College:

Email:

Gender: ☐ Boy ☐ Girl ☐ Other

Subjects: ☐ PQT ☐ WT ☐ DSA ☐ LC ☐ EMTH-III ☐ EC&I

City / Town:

Comments:

- b) What are the two required attribute of tag in HTML? Describe different types of multimedia format used in HTML with example. 7
3. a) What is the purpose of CSS? List out Different Types of CSS Selectors. Explain box model in CSS with suitable figure. 7
- b) Define DOM. Differentiate between **DOM 0** and **DOM 2** event models in JavaScript with suitable examples. 8
4. a) What is the difference between == and === in JavaScript? Write down the different data types in JavaScript with example. 7
- b) How can we locate the mouse cursor and react to mouse clicks in JavaScript? Explain with example. 8
5. a) Why PHP is called server-side scripting language? Explain output and control statements in PHP with examples. 7
- b) Differentiate cookie and session. Explain with an php program. 8
6. a) In what ways can arrays in PHP be created? How can we access array elements? Briefly describe functions for dealing with arrays in PHP. 7
- b) Make a login form with e-mail and password. Write a program to make dynamic login using php and MYSQL query. Your program must contain database connection file from php to MYSQL. 8
7. Write short notes on: (Any two) 2×5
 - a) Stacking Elements in JavaScript
 - b) Dynamic content in JavaScript.
 - c) CRUD Operation in MYSQL.