

# POKHARA UNIVERSITY

Level: Bachelor Semester: Fall Year : 2017  
 Programme: BE Full Marks: 100  
 Course: Web Technology 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 protocol is used by all computer connections to the Internet? 7  
 Describe a fully qualified domain name with example
- b) What is the purpose of a MIME type specification in a request/response transaction between a browser and a server? 8
2. a) Write an HTML to create the following table: 8

Life Expectancy By Current Age					
65		40		20	
Men	Women	Men	Women	Men	Women
82	85	78	82	77	81
Click <a href="#">here</a> for more details.					

- b) Create an HTML document that contains five different headlines from a newspaper headline. Each headline should use a different heading tag and a different color. Make all the text use the Helvetica font. Every verb in the text must have a line through it. 7
3. a) What is the difference in behavior between a group of checkbox buttons and a group of radio buttons? Under what circumstances is a select menu used instead of a radio button group? 8
- b) What do you mean by CSS? What is the advantage of external style sheets over inline and document-level style sheets? 7
4. a) Explain DOM? Explain Handling event from page load and button elements with an example. 7
- b) Create an HTML form that takes user's email address and password. Validate the form using JavaScript when the submit button is clicked. Make sure that the fields are not empty and the email address is a 8

valid one.

5. a) Explain constructor in JavaScript with example. 7
- b) How are cookie and session different? Give examples to support your answer. 8
6. a) Write MySQL query to: 8
  - a. Create a database named management and use it.
  - b. Create a table named users with id(integer), name(string), email(string), password(string), subscriber(Boolean).
  - c. Insert data in the table
  - d. Extract data from the table
- b) Write a server side script for user registration having input fields name, password, age, email, phone with a proper client side validation. 7
7. Write short notes on: (Any two) 2x5
  - a) Web hosting
  - b) Array in PHP
  - c) frameset