POKHARA UNIVERSITY

Level: Bachelor   Semester: Fall   Year   : 2019
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 are the functions of MIME? Explain the protocols that are used in e-mail. 8
    b) Explain the essential difference between: 7
        i)   URL and URI
        ii) HTTP and FTP
2. a) Why table-less design is preferred more than table-based design? Write HTML code for following : 8

Roll no:	Name	Subjects			
		C	Web	Math	C++
1	Abhisek	50	45	60	70
2	Suresh	50	45	45	NQ
3	Yodhin	80	85	90	75
Contact to department if Not Qualified(NQ)					

7

    b) What is image map in HTML? Explain with an example.
3. a) What are the advantages of using CSS over tables to create websites? Explain different CSS selectors with examples. 8
    b) How can you validate form in JavaScript? Write a program to explain it. Your program must contain email, password and submit button. On clicking validate whether the fields are blank and the format for the email is right. 7
4. a) What do you mean by event and event handling? Explain the handling mechanism in javascript. 7
    b) What is the difference between '==' and '===' in JavaScript? How dynamic contents and stacking of XHTML elements are made possible in JavaScript? 8
5. a) What are the main uses of PHP in web programming? How a file handling is done 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

6. a) How is array implemented in PHP? Differentiate between *foreach* loop and *each ()* function with example.   7

    b) Explain the uses of pattern matching is PHP with suitable example.   8

7. Write short notes on: (**Any two**)   2×5
   a) Levels of style sheets
   b) DOM Hierarchy in JavaScript
   c) SQL Joins