

POKHARA UNIVERSITY

Level: Bachelor Semester – Spring Year : 2007
Programme: BE Full Marks: 100
Course: Web Technology 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) Write about the applications of web technology in brief. 7
b) Briefly explain the basic structure of an HTML document with example. 8
2. a) Write the HTML code to generate the following list: 8
P. Nepal
 ➤ Kathmandu
 i. Durbar Square
 ii. Pashupati Nath Temple
 ➤ Pokhara
 i. Lake Side
 ii. Devi's Fall
Q. India
 ➤ Goa
 i. Miramal Beach
 ii. Vasco
 ➤ Delhi
 i) Kutub Minar
 ii) Red Fort
b) With suitable example, explain the use of paragraph and horizontal rule tags and their attributes. 7
3. a) Explain document style sheet, inline style sheet and external stylesheet with example of each. 7
b) Differentiate between relative and absolute pathnames with suitable 8

example. Write the HTML code to link to various sections (e. g top, bottom etc.) within the same page.

4. a) How background sound can be included in web page? Write the HTML code for making image as hyperlink. 4
- b) Write HTML code to generate frames as shown below: 7

frame1	
frame2	frame3

Frame 1 should contain banner of any abc company, frame 2 should contain any 3 links to other documents link 1, link 2, and link 3, frame 3 will display document related to link 1 and link 2 but when you click link 3 another window should be opened to display the document related to link 3.

- c) What are the reasons for using the alt attribute of IMG tag? 4
5. a) How do you create tables in a HTML document? What are the different tags/attributes used along with the table tag. 7
- b) Write a HTML source to create the following table. 8

Item	2002		2006	
	Cost price	Selling price	Cost price	Selling price
Television	30,000	32,000	25,000	26,000
Microwave oven	20,000	22,000	10,000	11,000

6. a) Assume that you are designing online application form to a college which offers different programs like BE Computer, BE Electronics, and BE Software Engineering. Write HTML code to generate an application form which should have following properties: 9
- i. A text widget to collect Applicant's name.
 - ii. A text widget to collect applicant's address.
 - iii. A dropdown list widget to collect applicant's choice among

BE Computer, BE Electronics and BE Software Engineering.

- iv. Three radio buttons to show the division in ISc/10+2/IE
- v. Four check boxes which shows interest of the applicant in sports like Football, Volleyball, Cricket, Dancing.
- vi. Text area to describe his/her other comment.
- vii. Submit button and Reset button.

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b) Explain the basic use of <div> tag with an example.

7. Write short notes on (**Any Two**):

2×5

- a) Use of comment tag
- b) Image map
- c) Escape sequence