Unit 5 · Making Web Pages

WORKSHEET

Full marks 32

Name _____ Class _____ Roll no. ____ Date _____ Marks _____ / 32

1 Key words [4]

Fill in the blanks with words from the box. Two words in the box are not needed. Each blank carries 0.5 mark.

attribute	declaration	element	empty elements	margin	markup	padding	selector	tags	viewport

HTML is a _____ language: _____ in angle brackets mark what each part of a page is. An opening tag, its content and its closing tag together make one _____. Extra information in an opening tag, such as `href="festivals.html"`, is an _____. `<img>` and `<br>` have no closing tag: they are _____. In a CSS rule, the part that says which elements to style is the _____. Space inside a box's border is its _____, and space outside the border is its _____.

2 Label the diagram [2]

The diagram shows one HTML element, a link. Write what each part is in place of 1 to 4. Each carries 0.5 mark.



1. _____ 2. _____

3. _____ 4. _____

3 Multiple choice [5]

Choose the correct option for each of the following questions.

i. Which is a closing tag? [1]

a. `<p>` **b.** `</p>`

c. `<p/>` **d.** `p:`

ii. Which line of HTML shows a picture correctly, for everyone? [1]

a. `<img alt="tihar.jpg">`

b. `<img src="tihar.jpg">`

c. `<img src="tihar.jpg" alt="Oil lamps in a row on a doorstep at Tihar">`

d. `<img src="tihar.jpg"></img alt>`

iii. What does `<meta name="viewport" content="width=device-width, initial-scale=1">` do? **[1]**

a. makes every picture fit the screen

b. tells a phone to lay out the page at its own width, instead of as a computer screen about 980 px wide shrunk to fit

c. makes the text bigger on computers

d. lets the page work without the internet

iv. In the CSS rule `.notice { padding: 10px; }`, what does `.notice` select? **[1]**

a. every `<notice>` element

b. every element with `class="notice"`

c. the first paragraph on the page

d. nothing, because of the dot

v. Users of a ticket website keep pressing Pay twice and paying twice. Which design principle is most likely missing? **[1]**

a. consistent

b. feedback

c. for everyone

d. clear

4 What does the page show? [3]

Read the HTML, then answer.

```
1 <h2>The five days</h2>
2 <ol>
3   <li>Kag Tihar</li>
4   <li>Kukur Tihar</li>
5 </ol>
6 <p>Dogs get a <strong>garland</strong>.</p>
```

Write what the page shows, line by line. Say which words are bigger or bold, and what goes in front of the two days.

5 Design for people [2]

Match each problem a user found on a ticket website in Column A with the principle that is missing in Column B. One item in Column B is not needed. Each carries 0.5 mark.

Column A		Column B
1. You press Pay and nothing changes on the screen.	☐	**a.** forgiving
2. "Book" on one page is "Reserve" on the next.	☐	**b.** clear
3. One wrong date wipes out the whole form.	☐	**c.** feedback
4. Tiny pale text, in English only.	☐	**d.** consistent
		e. for everyone

6 Find and fix the mistakes [4]

Read the HTML, then answer.

Find four mistakes in this HTML, and correct them.

```
<html>
  <body>
    <h3>Our school<h3>
    <p>We have <strong>600 students.</p></strong>
    <img src="school.jpg">
  </body>
</html>
```

7 Write HTML and CSS [6]

Write the code on the lines.

a. Write the HTML for a table of bus fares with two columns, **To** and **Fare**, and two rows: Kathmandu, Rs 50; Banepa, Rs 60. (The fares are only an example.) [3]

b. Write CSS that i. makes the whole page's text dark gray, `#333`, in a sans-serif font; ii. makes every `<h1>` maroon; iii. gives every element of class `fare` a light yellow background, `#fff3c4`, and 8 px of space inside its border. [3]

8 Short answers [4]

Write short answers to the following questions.

a. A page about Dashain is written in Nepali, but its `<html>` tag says `lang="en"`. The page looks fine. Who has a problem with it, and why? [2]

b. A notice has `padding: 16px`, `border: 4px solid maroon` and `margin: 20px`. What is the difference between its padding and its margin? [2]

9 Think [2]

Think, then answer.

If phones are about 360 px wide, why not set the page's box to `width: 360px` and be done?

10 Activity: Review a real website (not marked)

On a phone, do one real task on a website your family or school uses (the school's site, your municipality's, a news site), such as finding the exam routine or a phone number. For each principle, write **present** or **missing**, with one example you saw.

Principle	Present or missing?	An example I saw
Clear		
Consistent		
Feedback		
Forgiving		
For everyone		