Unit 8 · The Internet and Staying Safe

WORKSHEET

Full marks 30

Name _____ Class _____ Roll no. ____ Date _____ Marks _____ / 30

1 Key words [4]

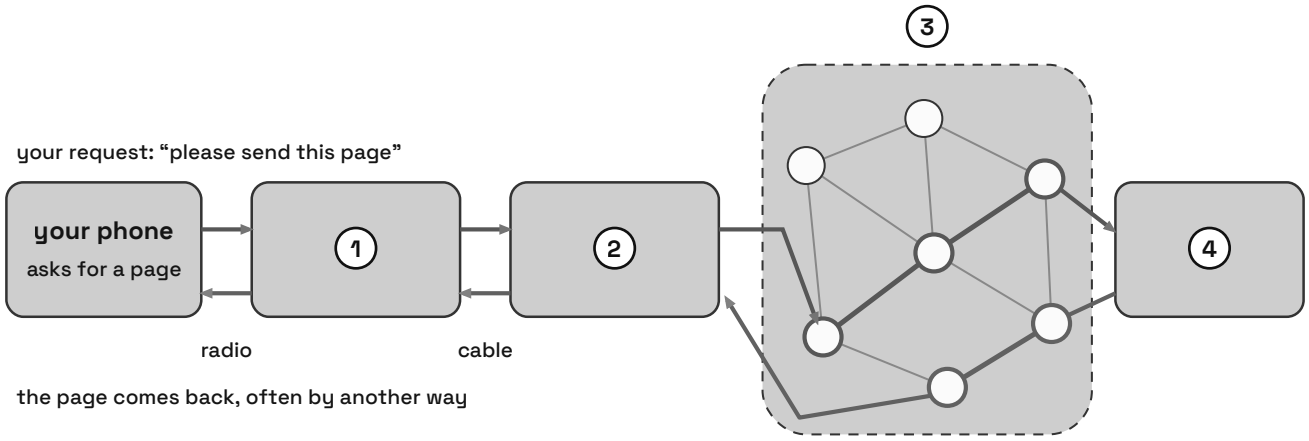
Fill in the blanks with words from the box. Two words in the box are not needed. Each blank carries 0.5 mark.

browser	**domain**	**internet**	**internet service provider**	**network**	**phishing**	**router**
search engine	**server**	**spreadsheet**				

Computers joined together so that they can send each other data make a _____. The _____ is a network of networks all over the world. A small box at home that joins your phone to it by Wi-Fi is a _____. The company you pay to join you to the internet is your _____. A computer that keeps websites and sends them to anyone who asks is a _____. The app that asks for web pages and shows them is a _____. The website's name in a web address is its _____. A message that pretends to come from someone you trust, to get your password or code, is called _____.

2 Label the diagram [2]

The diagram shows a web page's journey. Write what belongs 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. What is an internet service provider? [1]

a. a website that finds pages for you
b. a company that joins your home or phone to the internet, for a fee
c. the app that opens web pages
d. a computer that stores websites

ii. Which of these passwords is the strongest? [1]

a. Kathmandu@2070 **b.** P@ssw0rd!
c. qwerty12345 **d.** lizard umbrella kettle river

iii. Which is the best reason to use a different password for every account? [1]

a. Websites don't allow the same password twice.
b. Different passwords are easier to remember.
c. If one website's passwords are stolen, the thief can't use yours to get into your other accounts.
d. It makes your phone faster.

iv. Which of these is fine to put in a public post? [1]

a. your home address
b. the OTP from your wallet
c. a photo of a kite you made, with nothing that shows where you live
d. your date of birth and your school's name

v. A message says: "You have won a new phone! Pay Rs 1,500 delivery charge within one hour at this link." Which signs of a scam does it show? [1]

a. only one: the link
b. too good to be true, pay first, hurry, and a link you didn't ask for
c. none: it says you have won
d. only that it asks for money

4 True or false [3]

Write True or False after each sentence.

i. The internet and the web are two names for the same thing. ☐

ii. The internet came first, and the web was built on top of it. ☐

iii. A padlock beside a web address means the website is honest. ☐

iv. A search result marked **Sponsored** is there because a company paid for it. ☐

v. No real bank or wallet company will ever ask you to tell them your OTP. ☐

vi. Deleting a photo you posted removes every copy of it. ☐

5 The web and searching [5]

Write short answers to the following questions.

a. Look at this web address: **https://www.example-office.gov.np/notices/scholarship** [3]

i. What does **https** tell you?

ii. What is the domain? What does its ending tell you?

iii. Which part names the page on the website?

b. Nabin searches for: **can you please tell me how tall is mount everest in meters.** Write a better search, and say why it is better. [2]

6 Passwords [3]

Show your working.

A bicycle lock has 3 dials, each with the digits 0 to 9. How many different codes can it have? How many with 4 dials? How many times as many is that?

Answer:

7 Spot the scam [4]

Read the message, then answer.

This message arrives on Dipak's phone from a number he doesn't know:
"Congratulations! You have been chosen for a job in Japan. Salary Rs 4 lakh a month, no experience needed. Pay the Rs 15,000 registration fee by wallet today, or your place goes to someone else. Don't tell anyone until your visa comes."

i. Write four warning signs that show it is a scam.

ii. What should Dipak do?

8 Being kind online [2]

Write a short answer to the following question.

Every day, someone posts mean comments under Anu's photos. Write four things Anu should do.

9 Think [2]

Think, then answer.

Maya's email password is four random words, different from all her other passwords. A caller says he is from her email company and asks for the code that has just come to her phone. Why does he want the code? Would her strong password protect her if she told him?

10 Activity: Scams in my family (not marked)

Ask the adults at home about scam messages or calls they have had. For each, write what it said, the warning signs you can find in it, and what they did.

What the message or call said	Warning signs	What they did