



REVISION WORKSHEET -GRADE 5

Pre October Assessment 2026-27

Question 1. Fill in the Blanks using words from the list on the right ->

- i. A **Switch** connects devices in the same network and helps them communicate.
- i. A **Router** connects different networks and sends data to the correct place.
- ii. Every device on a network has a unique **IP address**.
- iii. Wireless networks use **Radio waves** to send wireless signals.
- iv. Large messages and files are broken into small blocks called **Packets**.

Router
Packets
IP address
Radio waves
Switch
URL
Cellular
Browser
Cloud
Ethernet

Question 2: Circle the correct option:

i. Which device connects computers and other devices in the same network?

- a) Router **b) Switch** c) Web browser d) Cell tower

ii. Which of the following is used to connect a device to a network without wires?

- a) Ethernet cable **b) Wi-Fi** c) USB cable d) Printer

iii. What is the main purpose of an IP address?

- a) To store files **b) To identify a device and help send data to the correct place**
c) To display websites d) To create a Wi-Fi signal

iv. What happens when a large file is sent through a network?

- a) It is deleted **b) It is broken into smaller packets**
c) It is printed d) It is stored in the router

v. Which of the following is an example of a web browser?

- a) Google Chrome** b) Router c) Switch d) Ethernet

Question 3: Write Ethernet, Wi-Fi or Cellular

- i. A desktop computer connected to a network using a cable: **Ethernet**
- ii. Using a smartphone to access the internet through a mobile phone tower: **Cellular**
- iii. Connecting a laptop to the internet wirelessly at home: **Wifi**
- iv. A school computer connected using a network cable: **Ethernet**
- v. Using a phone to access the internet when there is no Wi-Fi: **Cellular**
- vi. A tablet connected to a router without using a cable: **Wifi**

Question 6: Match the following

Column A	Column B
ii a. Switch	i. Stores website pages
iii b. Router	ii. Connects devices in the same network
i c. Web Server	iii. Connects networks and directs data
v d. Data Packet	iv. Software used to view websites
iv e. Web Browser	v. Small block of data sent through a network
vi f. Wireless Access Point	vi. Allows wireless devices to connect to a network

Question 4: Give short answers to the following questions:

a) What is a computer network? Give one example of what people can do using a network.

A computer network is a group of computers and devices connected together to share information and resources.

Example: People can share files or send emails using a network.

b) Explain what happens to data when it is sent as packets through a network.

Large data is broken into small blocks called packets.

Each packet travels through the network to the destination.

When all the packets arrive, they are put back together in the correct order to form the original data.

c) What is the difference between a router and a Wireless Access Point (WAP)?

A router connects networks and directs data to the correct destination, while a WAP allows wireless devices to connect to a network using Wi-Fi.

Question 5: Answer the following. Show your working or explanation on the right side.

i. What is the full form of URL? **Uniform Resource Locator** ____

ii. What does a web browser do? **It is software used to open and view websites on the internet.** ____

iii. What happens if a packet is lost during transmission? **The receiving device requests the lost packet again, and the sender resends it.** _____

iv. Give one reason why network connections can fail. **Damaged cables.**

(Also acceptable: faulty devices, bad weather, Wi-Fi disconnection, power outage, too many users.) __

v. What is cloud storage? **Cloud storage allows files and data to be stored on someone else's computer/server and accessed through the internet.** _____

vi. Name one consequence of a network failure. **People may not be able to access websites or go online.** __