



REVISION SHEET

SUBJECT: F.I.T

CLASS-VIII

TERM 1

CH 1: BASICS OF COMPUTER NETWORKS

Q1 Identify the protocol for the given below function:

- a) Transfers data such as text , images and videos over the World Wide Web.
- b) Retrieves emails and is essential for email applications.
- c) The simplest method to transfer files from one computer to another over a network.

Q2 MCQ

i) Why is connecting computers through a network better than using separate computers?

- a) Easy sharing of files and devices.
- b) Faster communication.
- c) Saves time and money.
- d) All of these

ii) Your family has three smartphones, two laptops, and a smart TV connected to the same Wi-Fi. Which type of network does this represent?

- a) PAN b) LAN c) WAN d) MAN

Q3 A teacher wants all classroom computers to access the internet through one device. Which networking device should be used?

Q4 A bank has hundreds of computers connected to a central server that stores customer information. Which network architecture is used?

Q4 Why is a LAN suitable for a school computer lab but not for connecting schools in different cities?

Q5 Why is Star Topology preferred over Bus Topology in modern organisations?

Q6A school computer lab has **25 computers** connected to one **printer** and one **internet connection**. Students can access the same printer and exchange files with each other.

Questions

- a) What is this arrangement called?
- b) Which type of network is used in the computer lab?
- c) Name one resource shared by all the computers.
- d) State one advantage of this network.

CH 2: CYBER ETHICS

Q1 Give answer in one word:

- a) Traces of online behavior _____
- b) Act of copying another person's work _____
- c) Act of sending E-mail asking for bank account details. _____
- d) It means using technology safely, responsibly, and respectfully. _____

Q2 Define :

- a) Intellectual digital citizenship
- b) Spamming

Q3 Sonu receives a rude message about his appearance in an online group. Answer the following:

- a) What type of online problem is this?
- b) Is this ethical behaviour?
- c) What should Sonu avoid doing?
- d) Why is cyberbullying harmful?

Q4 What is the full form of OTP?

Q5 Mention two ways to maintain privacy online.

CH 3: UNDERSTANDING BLOCKCHAINS

Q1 Fill in the blanks:

- a) A _____ is a collection of data or transactions stored together in a blockchain.
- b) _____ is based on blockchain technology which is not controlled by any government.
- c) In blockchain , this feature allows everyone in the network to see the entire history of data. _____

Q2 Which feature of blockchain makes stored information difficult to change?

- a) Centralization
- b) Immutability
- c) Deletion
- d) Editing

Q3 What is decentralization in blockchain?

Q4 Rahul learns about Bitcoin and blockchain. He thinks Bitcoin and blockchain are identical. Answer the following:

- a) Is Rahul correct?
- b) What is blockchain?
- c) What is Bitcoin?
- d) How are they related?

CH 4: Latest Tech Trends

Q1 Give answer in one word:

- a) You can use _____ to take virtual field trips to historical sites.
- b) _____ is a virtual space where people interact in real time using AR/VR technologies.
- c) _____ is a process that creates three-dimensional objects by layering materials based on digital models.
- d) Computer scientists create _____ and algorithms to process and analyse biological data.
- e) The Metaverse is best described as: _____
 - (i) A type of computer virus
 - (ii) A virtual shared digital world
 - (iii) A storage device
 - (iv) A programming language
- f) Biotechnology combines biology with _____
- g) The technology that can help doctors create artificial body parts _____

Q2 Why can robots not completely replace humans?

Q3 Why is 3D printing considered an innovative technology?

Q4 Mention two advantages of medical robots.

Q5 Should students completely depend on Generative AI for assignments? Give reasons.