



REVISION SHEET

SUBJECT: F.I.T

CLASS-VII

TERM 1

Ch1 : Understanding Number Systems

Q1 Fill in the blanks:

- a) This number system with base 8 is _____
- b) Is H23 a valid Hexadecimal number? _____
- c) _____ number system is used by the digital devices like computers.
- d) $(79)_{10}$ is a _____ number system.

Q2 Aarav downloaded a 16 GB game. His tablet stores data in binary. Which number system does the computer use to store the data?

Q3 A programmer writes the colour code #FF00FF. Which number system is being used?

Q4A barcode scanner reads information as electrical signals (ON and OFF).

Which number system best represents these two states?

- a) Decimal
- b) Binary
- c) Octal
- d) Hexadecimal

Q5 Convert $(14)_{10}$ into binary form.

Q6 Can the binary number 1021_2 exist? Explain.

Q7 Differentiate between Binary and Decimal Number System(two points)

Ch2 : Staying Safe in the Digital World

Q1 Give answer in one word:

- a) Which cybercrime involves sending fake emails to steal personal information?
- b) Using the internet to follow another user's location monitoring his or her actions.
- c) Purposely flooding the office network with large data to create network breakdown.
- d) Malware that encrypts files and demands a ransom.

Q2 Which of the following activities should you avoid on public Wi-Fi?

- a) Reading news
- b) Watching educational videos
- c) Logging into your bank account
- d) Browsing school websites

Q3 Why is sharing your password with your best friend still considered unsafe?

Q4 What are the important points one should remember while creating a strong password?

Q5 Is it advisable to check your social media account or do online transaction using public or free Wi-Fi ? Justify your answer.

Q6 Riya receives a message saying she has won ₹50,000. The message asks her to click a link and enter her bank details. The sender is unknown.

- a) What type of cyber threat is this?
- b) Should Riya click the link?
- c) What should she do instead?
- d) Why are such messages dangerous?

Ch 4: Performing Calculations using spreadsheets

Q1 Fill in the blanks:

- a) Ms Excel is a _____ software.
- b) _____ is a horizontal line of boxes.
- c) _____ is a predefined inbuilt formula.
- d) _____ symbol is used to begin a formula in Excel.

Q2 A librarian maintains a spreadsheet showing the number of books issued each day. She wants to find the **highest** number of books issued. Which function should she use?

Q3 A student uses =AVERAGE(A2:A6) to calculate the average of five numbers. One value changes from **60** to **80**. Will the average change automatically?

Q3 Write the basic difference between Google Sheets and Ms Excel .

Q3 Your family records monthly electricity bills in a spreadsheet. Which function can help calculate the total yearly bill?

Q4 Riya enters the marks of five subjects in cells **B2:F2**. She wants to calculate the total marks automatically.

- a) Which spreadsheet function should she use?
- b) Write the correct formula.

Ch5 : Data Visualisation using Spreadsheet

Q1 Give answer in one word:

- a) I put similar items together to keep things tidy in a spreadsheet.
- b) They helps to see information in pictures for easier understanding.
- c) I m a symbol used to add sheet tabs in Google sheets.
- d) I am a type of chart that uses colorful and rectangular vertical bars to compare values.

Q2 A class teacher records the number of books read by four students.

Student Books Read

Aarav 12

Riya 15

Kabir 10

Meera 18

- a) Which chart is best to compare the number of books read by the students?
- b) Which student read the maximum number of books?

Q3Parul has a stationery shop. She wants to see how many items in her shop share the same price . Which option can she use to do so?

Q4 Identify the given below type of chart and write about it.

