

FINAL EXAMINATION (2025-2026)

COMPUTERS

Class: 8

Reading Time: 15 Minutes

Date: 21.02.2026

Total Marks: 50

Writing Time: 1 Hour 30 Minutes

Answers to this Paper must be written on the paper provided separately.

You will not be allowed to write during the first 15 minutes.

This time is to be spent in reading the question paper.

The time given at the head of this Paper is the time allowed for writing the answers.

[SECTION – A]

**Question 1: Choose the correct answer and write the correct option:
[Do not copy the question, write the correct answer only]**

[10]

- i. Several computers in a school computer lab are connected within the same room to share files and a printer. Which type of network is used?
a) Wide Area Network b) Metropolitan Area Network
c) Local Area Network d) Campus Area Network
- ii. In a flowchart, which symbol shows the flow of control?
a) Rectangle b) Arrow
c) Rhombus d) Oval
- iii. Which device in the network sends data only to the required computer?
a) Hub b) Switch
c) Modem d) Bridge
- iv. The protocol is used to send and receive files between two computers:
a) File Transfer Protocol b) Internet Message Access Protocol
c) Post Office Protocol d) Hyper Text Transfer Protocol
- v. Before writing a program, a student draws a diagram showing the steps and flow of the program. What is this diagram called?
a) Algorithm b) Flowchart
c) Parallelogram d) Rhombus
- vi. Which cloud type is used by only one organization?
a) Public Cloud b) Community Cloud
c) Hybrid Cloud d) Private Cloud
- vii. Which of the following is NOT a disadvantage of a flowchart?
a) Time consuming to draw b) Difficult to change
c) Can be complex d) Helps in easy debugging
- viii. Which component converts domain names into IP addresses?
a) WWW b) URL
c) DNS d) Router
- ix. Which of the following service models provides ready-to-use software over the internet?
a) IaaS b) PaaS
c) SaaS d) QaaS
- x. Which of the following cloud is a mix of public and private clouds.
a) Hybrid Cloud b) Community Cloud
c) General Cloud d) Mixed Cloud


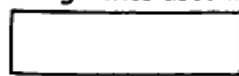
Question 2: Correct and rewrite the following statements by changing the underlined word.

[5]

- i. Web address is a unique number that identifies a computer on a network.
- ii. Protocol is a collection of related webpages.
- iii. Domain name is text that contains links to other pages and is used on webpages.

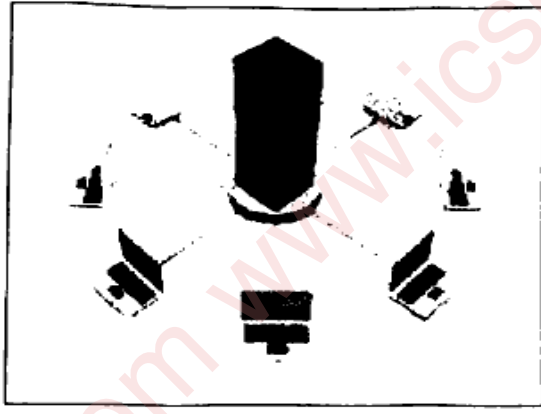
- iv. Bandwidth is a set of instructions written step-by-step sequentially for performing any task.
- v. LAN connects personal devices over a short distance up to 10 meters.

Question 3: Answer the following questions in short: [5]

- i. In a PAN, devices are connected to a main device called the master. Name this relationship.
- ii. Write the full forms of:
 - a) ISP
 - b) SMTP
- iii. Identify and name the following boxes used in a flowchart:
 - a) 
 - b) 

Question 4: Answer the following questions: [2x5=10]

- i. Explain any two applications of networking.
- ii. What is meant by a URL? Give two examples.
- iii. Define a Modem.
- iv. A student stores files on online storage instead of the computer's hard disk and can access them anytime. Name and explain the technology used.
- v. Which LAN network model is represented in the given diagram? Explain your answer with reference to the diagram.



[SECTION – B]

Question 5: Write an algorithm and draw a flow chart for each of the following: [2x5=10]

- i. To input the number of weeks of holidays and output the number of days.
[Hint: 2 weeks = 14 days]
- ii. To input the weight of a person and check whether the person is eligible to donate blood or not.
[Hint: If the weight is 60 kg or more, the person can donate blood; otherwise, the person cannot donate.]

Question 6:

- i. Write a Java program to initialize time in hours. Calculate and display the time in minutes and seconds. [4]
[Hint: 1 hour = 60 minutes and 3600 seconds]
- ii. Write a Java program to initialize the age of a person and display the life stage based on the following criteria: [6]

Age (Years)	Life Stage
0 – 12	Child
13 – 19	Teenager
20 – 59	Adult
60 and above	Senior Citizen