

Class 9th Computer Guess Paper 2026

Chapter 01:

Short Questions

1. State three differences between primary and secondary memory.
2. Differentiate between first and second generation of computers.
3. Compare third, fourth and fifth generations.
4. Explain memory word and word size.
5. Differentiate between RAM and ROM.
6. Differentiate between volatile and non-volatile memory.
7. Differentiate between system software and application software.
8. Explain the role of compiler and assembler.
9. Differentiate between high-level and low-level languages.
10. Explain modes of network communication.
11. Compare asynchronous and synchronous communication.
12. Why is hub a non-intelligent device?

13. Explain functions of switch, router and gateway.
14. Compare client-server and peer-to-peer networks.
15. Compare LAN, WAN and MAN.
16. Advantages and disadvantages of wireless network.
17. Compare bus, star and ring topology.
18. Circuit switching vs packet switching.
19. Explain TCP/IP, HTTP, FTP and SMTP protocols.
20. Advantages and disadvantages of internet.
21. Define protocol.
22. Impact vs non-impact printers.

Long Questions

1. Explain Von Neumann Architecture.
2. Explain network architecture.
3. Explain network topologies.
4. Explain OSI model.
5. Explain generations of computers.

Chapter 02: Problem Solving

Short Questions

1. Differentiate between simple and complex problems.
2. Explain the use of IPO charts.
3. Properties of computational thinking.
4. Explain problem breaking technique.
5. Need of computational thinking.

Long Questions

1. Differentiate between computational and logical thinking.
2. Explain Document Object Model (DOM) with example.
3. Write HTML code for headings.
4. Explain flowchart.

Chapter 03: Data Science

Short Questions

1. Differentiate between data analysis and data science.
2. Explain business problem solving.
3. Explain role of database.

4. Differentiate between machine learning and deep learning.
5. Sources of data.
6. Differentiate between database and dataset.
7. Explain trends, outliers and distribution.
8. Purpose of data storage.
9. Differentiate between primary and secondary data.

Long Questions

1. Explain big data with advantages and challenges.

Chapter 04: Artificial Intelligence

Short Questions

1. Define machine learning.
2. Types of machine learning.
3. Benefits of artificial intelligence.
4. Explain computer vision and automation.
5. Differentiate between NLP and computer language.
6. Can robots replace humans? Discuss.
7. AI in defence.

Long Questions

1. Explain areas of artificial intelligence.
2. Explain cloud computing.

Chapter 05: Ethics

Short Questions

1. Irresponsible use of software.
2. How to prevent unauthorized access.

Chapter 06:

Short Questions

Define phishing, **spam**, spyware, scams, cookies, freeware and shareware.

1. Dangers of fake news.
2. Impact of social networking.
3. Methods of online safety.
4. Effects of fake news.
5. Define patent, trademark and copyright.

Long Questions

1. Explain safe use of computer.
2. Explain benefits of computer.

