



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



ANNUAL EXAMINATION 2025-26 COMPUTER APPLICATION

Class : IX
Date : 14-02-2026
Admission No.:

Duration : 2 Hrs
Max. Marks : 50
Roll No.:

MARKING SCHEME

SECTION A – MCQs

(1 × 12 = 12 Marks)

1. **Ans:** (b) Hardware
2. **Ans:** (d) RAM
3. **Ans:** (d) All of the above
4. **Ans:** (d) Virus protection
5. **Ans:** (c) Data communication
6. **Ans:** (b) Local Area Network (*misprint in options; expected answer*)
7. **Ans:** (c) WAN
8. **Ans:** (d) Unguided media
9. **Ans:** (a) Trojan Horse
10. **Ans:** (b) CTRL + X
11. **Ans:** (d) Impress
12. **Ans:** (c) .ods
13. **Ans:** (b) Padlock

Assertion–Reason

14. Antivirus software
Ans: (a) Both A and R are true and R explains A
15. Sharing personal information
Ans: (a) Both A and R are true and R explains A

SECTION B – Short Answer

(2 × 7 = 14 Marks)

16. Answer:

Strengths: High speed, accuracy.

Weaknesses: No intelligence, depends on instructions.

17. Answer:

Memory stores data and instructions temporarily or permanently.

Units: Bit, Byte, KB, MB, GB.

18. Interpreter vs Compiler

Answer:

Interpreter translates line by line.

Compiler translates the entire program at once.

19. Internet & its uses

Answer:

Internet is a global network of computers.

Uses: Email, information search, online learning.

20. Types of computer networks

Answer:

LAN, MAN, WAN.

21. Cyber safety

Answer:

Cyber safety means safe use of the internet.

It protects data from cyber-crimes.

22. Importance of passwords

Answer:

Passwords protect personal data and prevent unauthorized access.

23. Slide vs Slide show

Answer:

Slide is a single page.

Slide show is a full presentation displayed on screen.

SECTION B – Spreadsheet Question (Q24)

(i) Total Marks Formula (Row 2 example):

=SUM (C2 : E2)

(ii) Average Marks of Class:

=AVERAGE (F2 : F6)

SECTION C – Short Answer

(3 × 4 = 12 Marks)

25. Functions of Operating System

Answer:

1. Memory management – manages RAM
2. File management – organizes files
3. Process management – controls programs

26. School network case

i) **LAN**

ii) Easy sharing of resources

iii) **Switch**

27. Malware problem

Answer:

Reason: Malware infection.

Damages:

- Deletes files
- Slows system
- Steals data

28. Notice in Writer

- Alignment feature
- Font formatting
- Export as PDF

29. Impress presentation

- Slide Master
- New Slide
- Slide Transition

SECTION D – Long Answer

(4 Marks)

30. Types of Operating Systems

Answer:

1. **Single-user OS** – One user (Windows)
2. **Multi-user OS** – Multiple users (Linux)
3. **Batch OS** – Jobs processed in batches
4. **Real-time OS** – Immediate response (ATM)

SECTION E – Case / Application Based

(2 × 4 = 8 Marks)

31. School networking

- LAN**
- Easy sharing of printer and files
- Switch**
- Star topology**

32. Cyber fraud email

- Phishing**
- Shared personal details
- Account hacking
- Verify emails before clicking links

33. OpenOffice tools

- Writer**
- Calc**
- Impress**
- Spell Check feature

***** ALL THE BEST *****