



B.K. BIRLA CENTRE FOR EDUCATION

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



PERIODIC TEST-II (2025-26) COMPUTER APPLICATION (165) MARKING SCHEME

Class : IX A/B/C
Date : 06-11-2025
Admission No.:

Duration: 1 Hour
Max. Marks : 25
Roll No.:

Section-A (13 x 1 = 13 Marks)

This section contains 13 Multiple Choice questions carrying 01 mark each.

1. c) Intelligence 1
2. b) Arithmetic Logic Unit 1
3. c) ROM 1
4. c) Keyboard 1
5. b) Display or produce processed data 1
6. b) Hard Disk 1
7. c) Convert hard copy documents into digital form 1
8. b) Windows OS 1
9. b) Connect and control hardware devices 1
10. b) Perform specific user-oriented tasks 1
11. c) MS Excel 1
12. **Assertion (A):** RAM is called volatile memory. 1
Reason (R): Because the data stored in RAM is lost when the power is turned off.
- Ans: **Option -A**
- Assertion (A):** An operating system is a type of system software. 1
13. **Reason (R):** An operating system allows users to create documents and spreadsheets.
- Ans: **Option-C**

Section-B (3X2 = 6 Marks)

This section contains 03 Short Answer type questions carrying 02 marks each.

11. What is a Computer ? Name the different types of it. 2
or
Name the different components of a computer.
- Ans: A **computer** is an electronic device that processes data to produce meaningful information.
Types of computers: Microcomputer, Minicomputer, Mainframe computer , Supercomputer
Components of a computer: Input Unit, Output Unit, CPU (ALU + CU), and Memory Unit.

12. Differentiate between primary memory and secondary memory. 2

or

Name any two types of monitors and two types of mouse used in computers.

Ans: **Primary Memory** **Secondary Memory**

Stores data temporarily. Stores data permanently.

Fast but limited capacity. Slow but large capacity.

Example: RAM, ROM. Example: Hard Disk, Pen Drive.

Or

Monitors: CRT, LCD, LED.

Mouse: Mechanical mouse, Optical mouse.

13. Explain the difference between system software and application software with one example of each. 2

Or

What is utility software? Name any two utility software and briefly describe their purpose.

Ans: **System Software** **Application Software**

Manages hardware and software resources. Performs user-specific tasks.

Example: Windows OS. Example: MS Word.

Or

Utility Software: Programs that perform maintenance tasks.

Examples:

- Antivirus (protects computer from viruses)
- Disk Cleanup (removes unwanted files)

Section-C (2X3 = 6 Marks)

This section contains 02 Short Answer type questions carrying 03 marks each.

21. What is an Operating System ? Name the different types with example. 3

or

What is an Application Software. Name the different types with example.

Ans: An **Operating System (OS)** is system software that manages computer hardware, software, and resources, and provides services to users.

Types of OS: **Single-user OS:** Windows 10, **Multi-user OS:** UNIX, **Mobile OS:** Android, iOS

or

Application Software: Software designed to perform specific tasks for users.

Types: **General-purpose:** MS Word, Excel **Special-purpose:** Payroll software, Tally

22. Write at-least two differences between : 3

a) Hard-disk vs Pen-drive

b) Dot Matrix printer and Laserjet Printer

Ans: **a) Hard Disk** **b) Pen Drive**

Large storage capacity, fixed inside the computer. Portable storage device, connects via USB.

Magnetic storage. Flash memory.

Dot Matrix Printer

Impact printer (prints by striking pins).

Slower speed and lower quality.

Laser Printer

Non-impact printer (uses laser and toner).

Faster and higher quality output.

***** All the Best ! *****