



St. Lawrence International Shikshan Sansthan

Ledhupur Sarnath ,Varanasi-221007

PT I Examination (2026-27)

CLASS: IX (SET-A)

SUBJECT: Computer Applications (Code 165)

Time- 1 Hour

M.M. 25

Name: Sec: Date..... Invigilator's Sign.....

General Instructions:

This Question Paper has 5 Sections A-E.

All Questions are Compulsory. However, Internal choices have been provided in some of the questions.

Section A has 6 Multiple Choice Questions carrying 01 mark each.

Section B has 2 Very Short Answer (VSA) type questions carrying 02 marks each.

Section C has 2 Short Answer (SA) type questions carrying 03 marks each.

Section D has 1 Long Answer (LA) type question carrying 04 marks.

Section E has 1 Source based/Case-based/Passage based question carrying 5 marks.

SECTION A (1 Mark Each)

1. Which of the following components is considered the "brain" of the computer?

- a) ALU b) CPU c) CU d) Memory

2. The physical components of a computer that you can touch and feel are called:

- a) Software b) Hardware c) Operating System d) Liveware

3. Which of the following is an example of System Software?

- a) MS Word b) Linux c) Tally d) CorelDraw

4. A device that acts as both an input and an output device is:

- a) Keyboard b) Monitor c) Touch Screen d) Printer

5. Which of the following language processors converts a high-level language program into machine language line-by-line?

- a) Assembler b) Compiler c) Interpreter d) Linker

6. RAM stands for:

- a) Read Access Memory b) Random Access Memory
c) Read Arithmetic Memory d) Random Arithmetic Memory

SECTION B (2 Marks Each)

7. Differentiate between System Software and Application Software. Give one example of each.

OR

Differentiate between Hard Copy Output and Soft Copy Output. Provide one example of a device for each.

8. What is the function of the Arithmetic Logic Unit (ALU)?

SECTION C (3 Marks Each)

9. Give three primary characteristics (strengths) of a computer system. Briefly explain each.

10. Explain the difference between RAM and ROM on the basis of volatility, usage, and modification.

OR

What is Utility Software? Name any two types of utility software and state their purpose.

SECTION D (4 Marks)

11. Draw a block diagram of a Computer System. Explain the functions of the Input Unit, Output Unit, and Central Processing Unit (CPU).

SECTION E (5 Marks)

12. Case-Based Question:

Riya has recently opened a small design agency. She purchases a new computer system to handle graphic design, word processing, and data storage. After setting up the hardware, she realizes she needs different types of software to run her business smoothly. Based on this scenario, answer the following questions:

a) Identify the core software she must install first to make the computer hardware functional. **(1 Mark)**

b) She needs software specifically to create digital banners and edit photographs. What category of software does this fall under? Give an example. **(2 Marks)**

c) To protect her client files from viruses and malware, she installs QuickHeal. What specific type of software is this? **(1 Mark)**

d) Is a computer mouse used by Riya an input device or an output device? **(1 Mark)**



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