

CHINIOT ISLAMIA PUBLIC SCHOOL AND COLLEGE

1ST QUARTERLY TEST

Computer Science Paper 1 - Grade 6

Name: _____	Section: _____	Roll No: _____
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Duration: 2 Hours

Total Marks: 50

General Instructions: Answer all questions. Use a black or dark blue pen. Write your name, centre number and candidate number in the boxes at the top of the page.

INSTRUCTIONS • Answer all questions. • Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs. • Write your name, centre number and candidate number in the boxes at the top of the page. • Write your answer to each question in the space provided. • Do not use an erasable pen or correction fluid. • Do not write on any bar codes. • Calculators must not be used in this paper:

INFORMATION • The total mark for this paper is 50. • The number of marks for each question or part question is shown in brackets []. • No marks will be awarded for using brand names of software packages or hardware.

Q1 .

1. Your phone asks for a system update to Android OS. Why is this update considered system software, not application software?

2. A large retail store uses bar code scanners at checkout counters. Which type of device is this, and why is it useful?

3. While gaming on a computer, the game freezes when too many apps are open. What role does RAM play in this issue?

4. Explain the difference between system software and application software.

5. A hospital uses computer systems to manage patient records. Which hardware and software components are most essential for this purpose, and why?

6. Classify the following as input or output devices: mouse, printer, scanner, LCD, speakers, monitor.

7. In a classroom, a projector shows the teacher's slides from a laptop. Identify the input, output, and system unit in this setup.

8. Differentiate between RAM and ROM with examples.

9. Describe purpose of Biometric Sensor and Barcode Reader with examples.

10. A bank uses mainframe computers for transaction processing. Why do they prefer mainframes over personal computers?

Q2 .

1. Define search tools in OS. Why are they important?

2. What do you understand about online scam? Give one real life example.

3. Write the steps to rename a file or folder in Windows.

4. What are basic shortcut keys in Windows? Write any five examples.

5. Differentiate between Freeware and Shareware .

6. you have studied ICT rules in the lesson. your ICT teacher must have also set certain rules.why do you think these rules are important? is there any specific rule that you would like to add or amend?

7. Explain the process of copying and pasting a file in Windows.

8. You need to copy 50 files from one drive to another. Which OS functions and shortcut keys would make this task faster?

9. You open multiple files and folders at the same time. How does the OS help you manage them effectively?

10. You drag a file from one folder to another. How is this action different from copy-paste, and what does the OS do internally?

11. Define file management. List the tasks involved in it.

12. Explain why shortcuts are useful in an operating system with examples.

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13. You press **Ctrl + C** and **Ctrl + V** to copy paste a paragraph. Why are shortcut keys

13. You press **Ctrl + C** and **Ctrl + V** to copy-paste a paragraph. why are shortcut keys preferred over menu-based operations?

14. Compare desktop OS with mobile OS using three points

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[illegible]

15 Your teacher explains commands in **CLI** (Command Line Interface). In what situation

15. Your teacher explains commands in CLI (Command Line Interface). In what situation would CLI be more efficient than GUI?

16. A teacher creates a shortcut on the desktop for frequently used software. How does this improve efficiency?

17. What is meant by digital citizenship and describe its essentials

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18. List and explain two main features of a modern operating system.

19. A new computer user finds it easier to use **WIMP (Windows Icons Menus Pointer)**

19. A new computer user finds it easier to use WIMP (windows, icons, menus, pointer).

Why does WIMP improve usability compared to CLI?

20. Compare desktop OS with mobile OS using three points

21. What are files and folders? How do they differ?

2.1. How do these two concepts relate to the other?
