

COMPUTER HONOUR REQUIREMENT



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The responses to the questions asked should be submitted in a Folder.

1. Write 200 words or give a three-minute oral report about the history of computers. **(2 Marks)**

2. Define the following terms **(9 Marks)**

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|-----|------------------|------|---------------|
| 2.1 | Hardware | 2.10 | Alphanumeric |
| 2.2 | Software | 2.11 | CPU |
| 2.3 | Floppy Disk | 2.12 | Circuit Board |
| 2.4 | HDD | 2.13 | Cursor |
| 2.5 | Mainframe | 2.14 | Port |
| 2.6 | Desktop Computer | 2.15 | Program |
| 2.7 | Laptop | 2.16 | OS |
| 2.8 | ROM | 2.17 | CD Rom |
| 2.9 | RAM | 2.18 | Brown Out |

3. What are the proper handling and storage techniques for CDs, Hard Drives, Flash Drives, Floppy Disks? **(4 Marks)**

4. Describe the function of and point out the following components of a personal computer. **(5 Marks)**

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|-----|--|-----|------------|
| 4.1 | Keyboard | 4.4 | Printer |
| 4.2 | Monitor | 4.5 | Disk Drive |
| 4.3 | System Unit or Central Processing Unit | | |

5. Know the difference between and uses for the following printers: **(5 Marks)**

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|-----|------------|-----|---------|
| 5.1 | Thermal | 5.4 | Plotter |
| 5.2 | Dot Matrix | 5.5 | Ink Jet |
| 5.3 | Laser | | |

6. Describe how to protect a computer system from dust, dirt, static electricity, power surges and outages, or other potentially dangerous factors that could hamper or hurt a computer system. **(2 Marks)**

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|-----|--------------------|-----|--------------------------|
| 6.1 | Dirt and Dust | 6.3 | Power Surges and Outages |
| 6.2 | Static Electricity | 6.4 | Other Dangers |

7. Name at least four input devices for computers. **(2 Marks)**

8. What does it mean to back up a disk or a file? Why is it important? **(2 Marks)**

9. What is computer preventative maintenance? Why is it important? **(4 Marks)**

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|-----|----------------------------------|
| 9.1 | Guard Against Malicious Software |
| 9.2 | Security Updates |

9.3 Defragment the Hard Drive

9.4 Dust Bunnies Inside

10. Successfully boot, load/install a prepared software program for use in a computer system or Smart Phone (No games). Give the name of the software and what it was installed on **(3 Marks)**

11. Tell 4 ways an individual or family could use a personal computer other than for games. **(2 Marks)**