

**COMPUTER STUDIES – 451/1 (THEORY)**

**FORM 2 END TERM 2**

**TIME: 2HOURS**

1. a) What is a computer laboratory? [2mks]

---

---

b) State four possible causes of fire outbreak in a computer laboratory. [4mks]

---

---

---

---

c) What actions should be taken in case of a fire outbreak in the computer laboratory? [4mks]

---

---

---

---

2. List four differences between a micro computer and a supercomputer. [4mks]

<i>Microcomputer</i>	<i>Super computer</i>

3. State four benefits of using a computer in a school library. [4mks]

---

---

---

---

4. Describe each of the following types of computers. [4mks]

Hybrid

---

---

Embedded

---

---

5. a) List four types of keys found on a computer keyboard. Give an example of each. [4mks]

---

---

b) i) Explain the term toggle keys as used in a computer keyboard. [2mks]

---

---

ii) List four examples of toggle keys on a computer keyboard. [2mks]

---

---

6. State three functions of Un-interrupted power supply. [3mks]

---

---

---

---

7. A computer laboratory experiences power supply problems. Describe three power related problems that should be addressed. [6mks]

---

---

---

---

---

---

8. Explain two types of storage devices used in a computer giving an example of each. [4mks]

---

---

---

---

9. i) List four differences between a laser printer and a dot matrix printer. [4mks]

<i>Laser printer</i>	<i>Dot matrix printer</i>

10. ii) Students enjoy noisy computer games.  
a) Which two hardware devices are needed to produce sound and one input device for playing games? [3mks]

---

---

b) Apart from mouse, name four input devices connected to a computer. [4mks]

---

---

---

c) List four factors to be considered when acquiring a printer. [4mks]

---

---

---

---

11. Write each of the following acronyms in full as used in computing. [4mks]

a) CAD

---

b) DVD

---

c) WORM

---

d) POS

---

12. State one function for each of the following elements of a computer system. [6mks]

a) Hardware

---

b) Software

---

c) Liveware

---

13. List the four categories of system software. [4mks]

---

---

---

14. State five file details that are assigned a file by the operating system which can assist in tracing the file. [5mks]

---

---

---

---

15. Explain three features of a graphical user interface as used in computers. [6mks]

---

---

---

16. State four advantages of word processors over manual typewriter. [4mks]

---

---

---

---

17. List three editing features of word processing. [3mks]

---

---

---

18. A student typed a letter in a word processor and the last line of the letter flowed to the second page. State four ways in which the student could have adjusted the letter to fit on one page without changing the paper size. [4mks]

---

---

---

19. State the function of the following key combination. [6mks]

CTRL+ O

CTRL + E

CTRL + C

CTRL + N

CTRL + A

CTRL + B