**DECEMBER HOLIDAY HOMEWORK**

**COMPUTER STUDIES (451)**

**FORM ONE (1)**

**ANSWER ALL THE QUESTIONS**

1. Mention four secondary storage device that can be grouped under Worm storage media **(4marks)**
2. Briefly describe four security operations offered by the operating system in the process of protecting data and programs in the computer **(4marks)**
3. Give three differences between primary and secondary memory **(3mark)**
4. Mention three advantages of Command line operating systems **(3marks)**
5. Give four characteristics of a dot matrix printer **(4marks)**
6. State the function of the following disk management operations
7. Partitioning **(2marks)**
8. Defragmentation **(2marks)**
9. Formatting **(2marks)**
10. List four operations that may be performed on a file by an operating system**(4marks)**
11. State four factors that determine the price of a computer **(4marks)**
12. What is an open source software **(2marks)**
13. Give four advantages standard software over In-house developed software **(4marks)**
14. Mention four application areas of Magnetic Stripe recognition technology **(4marks)**
15. List four examples of optical storage disks **(4marks)**
16. Enumerate four advantages of solid state storage devices **(4marks)**
17. Describe four parameters that can be used to search for a file in computer secondary storage media **(4marks)**
18. State four devices that input data in the computer through scanning **(4marks)**
19. Name four factors to consider when choosing an input device **(4marks)**
20. Describe two application areas of Digitizers **(4marks)**
21. List five challenges experienced by the users of the first generation computers **(4marks)**
22. State two ways of discharging static electricity that might accumulated on the hands during basic computer setup and cabling **(2marks)**
23. Identify three controllers used to connect a hard disk to the motherboard **(3marks)**
24. What is hot swapping **(2mark)**
25. Write the following acronyms in full **(3marks)**
26. SATA
27. SCSI
28. EIDE
29. Describe four types of registers located inside the microprocessor **(4marks)**
30. Baroness bought a new lap pre-installed with window 11 operating system for her personal use, when she switched the computer on, She released that some applications were not installed. Briefly describe four factors Baroness should consider before acquiring the application**(4marks)**
31. Describe five functions of the operating system **(4marks)**
32. Give three electric pathway used by device like main memory, control unit, arithmetic and logic unit to communicate **(3marks)**