# FORM ONE

# MARKING SCHEME

# TERM 3, 2023

1. State 7 the functions performed by the operating system. 7mks
   - ✓ *Job scheduling*
   - ✓ *Resource allocation*
   - ✓ *Memory management*
   - ✓ *Input/output handling*
   - ✓ *Error handling*
   - ✓ *Interrupt handling*
   - ✓ *Network management*

2. Classify operating system. 3mks
   - ✓ *According to number tasks*
   - ✓ *According to number of users*
   - ✓ *User interface*

3. Highlight 5 factors to consider when choosing an operating system. 5mks
   - ➢ *Hardware specifications*
   - ➢ *Application software intended for use on the computer.*
   - ➢ *Ease of installation and use of the operating system.*
   - ➢ *Availability of documentation*
   - ➢ *The cost of operating system.*
   - ➢ *Network and data security provided by the operating system.*
   - ➢ *Number of processor and users supported by the operating system.*

4. Name the file type of the extension below. 7mks

| Extension | File Type |
|-----------|-----------|
| .doc      |           |
| .txt      |           |
| .tif      |           |
| .exe      |           |
| .bat      |           |
| .sys      |           |

5. Describe the procedure of doing the following.
   a. Restoring files and folders. 3mks
   b. Emptying the recycle bin. 2mks
   c. Copying files and folders. 4mks
   d. Moving files and folder.3mks

6. Draw a sketch of directory tree showing how files and folders are organized by an operating system. 6mks

7. Define the following terms. 6mks
   a. File
   *A file is a collection of related data given a unique name for ease access, manipulation and storage on secondary storage.*
   b. Folder
   *Is a named storage location where related files can be stored.*
   c. Subfolder
   *Is a folder of directory created inside another folder of directory.*

8. Name how Microsoft operating systems categorizes drives.  4mks

| Drive | Media |
|-------|-------|
| A and B | |
| C | |
| D-Z | 1.<br>2. |