NATIONAL OPEN UNIVERSITY OF NIGERIA
Department of Library and Information Science
2023_1 POP EXAMINATION

Introduction to Computer Operating Systems, (LIS 327)

Time Allowed: **2 Hours 15 Minutes**

Instruction: Please, carefully read and take note of the instruction below:

Answer **THREE** Questions. Question **ONE** is **COMPULSORY**. All questions carry equal marks except question one.

1. With the aid of diagrams, distinguish between the single-user single-tasking computer operating system and the single-user multitasking computer operating system.

2. Using diagrams, discuss **TWO** types of network operating systems.

3. Discuss the following as functions of operating systems:
    i.   Command Interpretation
    ii.   File Control
    iii.   Memory Control and Management
    iv.   Security Management
    v.   Resource Management

4. The fourth industrial revolution has been described as more than a technological leap forward. Discuss the following as the drivers of industry 4.0:

    i.   Internet of Things (IoT)
    ii.   Big Data
    iii.   Artificial Intelligence
    iv.   Robots
    v.   Cloud Computing

5. Discuss the following input/output devices as adjuncts to the computer operating system:

    i.   Mouse
    ii.   Keyboard
    iii.   Printer
    iv.   Monitor
    v.   Speaker