

COMPUTER ASSIGNMENT

ANIMAL HEALTH AND PRODUCTION TECHNOLOGY

NWOGBA CHIOMA BLESSING

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HND II

QUESTION 1

a. Definition of a Computer and Its Functions

A computer is an electronic machine that processes data into useful information based on given instructions.

Main functions:

1. Data Input – Accepting raw data from input devices.
2. Data Processing – Manipulating data to produce results.
3. Data Storage – Keeping data for present and future use.
4. Information Output – Producing meaningful results for users.

b. Basic Components of a Computer System

1. Input Unit – Devices used to enter data (e.g., keyboard, scanner).
2. Processing Unit (CPU) – Performs calculations and logical operations.
3. Storage Unit – Stores data (e.g., RAM, hard disk).
4. Output Unit – Displays processed data (e.g., monitor, speakers).

QUESTION 2

a. Hardware vs Software

Hardware: Tangible parts of a computer system (can be seen and touched).

Software: Intangible programs that control hardware operations.

b. Types of Software

1. System Software

Controls the computer system and manages hardware.

Examples:

Windows

Linux

Android

2. Application Software

Designed for specific user tasks.

Examples:

Microsoft Word

CorelDRAW

VLC Media Player

QUESTION 3

a. Meaning of Booting

Booting is the process by which a computer system starts up and loads the operating system into its memory.

b. Booting Process

1. Power is supplied to the system.
2. The BIOS/UEFI program starts running.
3. Hardware components are checked (POST).
4. The system searches for a bootable device.
5. The operating system is loaded.
6. The desktop or login screen appears.

QUESTION 4

a. File Management Defined

File management refers to how files are organized, stored, and controlled on a computer for easy access and use.

b. Common File Operations

1. Create – Making a new file to store data.
2. Edit – Modifying the contents of a file.
3. Save – Storing changes permanently.
4. Rename – Changing the file name for identification.
5. Delete – Removing unnecessary files to free space.

QUESTION 5

a. Uses of Computers in Healthcare / Animal Health

1. Keeping medical and veterinary records.
2. Monitoring animal health and growth.
3. Assisting in diagnosis and treatment.
4. Managing farm operations and feeding schedules.
5. Research and disease control.

b. Common Computer Problems and Solutions

1. Overheating

Solution: Clean the system and ensure proper ventilation.

2. System Freezing

Solution: Restart the computer or close unused programs.

3. Missing Files

Solution: Restore from backup or recycle bin.

4. Internet Connection Issues

Solution: Check network cables or restart the router.