

COMPUTER : JSS3 A - C

WEEK 1 AND 2

OBJECTIVE:

- Define Computer professionals
- State the professionals in computer and the functions of each of the professionals.
- State the qualities of good computer professionals
- List the computer professional bodies.
- State the function of each of the professional bodies and association .

STEP 1

computer professionals : they are individuals that have obtained sufficient education and training in the field of computers and earn their livelihood from their chosen profession.

Professionals in Computer

- Computer Operator
- Computer Analyst
- Computer Programmer
- Computer instructor/educator
- Computer Engineer
- Computer system administrator
- Computer Service Providers
- Computer Graphic Artist
- Computer - ware Vendor
- System Auditor
- Data processing officer
- Web engineer
- Computer hacker

- Computer Operator : This is the person that ensures continuous running of the computer system, he processes and distribute report and back up data and other files regularly.
- Computer Analyst: He is responsible for planning, designing, installing and developing new computer systems.
- Computer Programmer: This is an individual that writes meaningful computer programs.
- Computer Instructor/Educator: This is a computer professional that trains others on the science, study and application of computers.
- Computer Engineers : These are computer Professionals who designs , develop, develop and test digital hardware and software system including communication system, computer and computer related equipment.
- Computer System Administrator: This is the person that creates and manages accounts of individuals on a network and gives permission for computer use.
- Computer Service Providers: These are organizations that provides computer access to the internet, also called internet service provider
- Computer Graphic Artist: This is the professional who does all the complex art works such as drawing, painting and animations with the computer.
- Computer Ware Vendor: This is the person who sells computer hardware and software.
- System Auditor: This is the person who uses the computer to audit accounts.
- Data Processing Officer: The work is similar to that of computer operator. He analyse and process data.
- Web Engineer: A computer professional that writes, updates and manages the websites. He ensure that viruses are kept away from the site, and Intruders are prevented from hacking
- Computer Hacker: Is Unauthorized person who break into the computer system in order to cause harm or problem on the network.

STEP II

QUALITIES OF A GOOD COMPUTER PROFESSIONAL

- He must be hardworking
- He must be diligent, meaning that he must be able to handle problems and skill.
- He must be reliable and trustworthy
- He must have a resting and relaxation time. He must relax in order to refresh the brain.

- He must belong to a professional body
- He must acquire all necessary skills needed for his chosen field.

COMPUTER PROFESSIONAL BODIES

- Nigeria Computer Society (NCS): They share ideas and knowledge, and formulate policies that relate to ICT.
- Institute of Management System (IMIS): This is an internal body for supporting and promoting the profession of information system management
- Computer professional Registration Council of Nigeria (CPRCN): they are responsible for the science and use of computer machine and techniques in the country.
- Nigeria Internet Group (NIG) : This body promotes and facilitate full internet connectivity in Nigeria.
- Nigeria Communication Commission (NCC) : This body controls and regulates all communication in Nigeria.
- Internet Service Providers Association of Nigeria (ISPAN) : They regulate and monitors internet service operator in the country.
- Association of Telecom Companies in Nigeria (ATCN) : This body monitors and control s all telecom service operators in Nigeria.
- Computer Association of Nigeria (COAN): This is the body that motivate and promotes Nigeria Software developers and their product in the software industry.

Evaluation

List four computer professionals

List any four qualities of a good computer professional.

Explain the following

1. Association of Telecom Companies
2. Computer Association of Nigeria
3. Nigeria Internet Group.
4. Nigeria computer society.