**SS3 COMPUTER SCHEME OF WORK**

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| **WEEKS** | **TOPIC** | **PERFORMANCE OBJECTIVES** | **CONTENT** | **QUESTIONS** |
| Week 2/3 | 3. Cables & Connectors | 1. List network cables  2. List network connectors  3. List types of computer cables  4. list types of data cables  5. List types of connectors | 1. Network cables & connectors  - Cables  - Twisted pair  - Coaxial  - Fibre optic  - T- Connectors  2. Computer cables and connectors  - Power Cables  - Data Cables  - Printer cables  - Universal Serial Bus (USB)  - Monitor cable  - Serial cable  Connectors   * Male * Female | 1. List three types of network cables  2. List three types of connectors  3. State one difference between data cable and power cable  4. State one use of the following:  I Twisted pair cable  II Coaxial cable  III Fibre optic cable  IV T-connectors  5. State one use of each of the following:  I power cable  II Data cable  III Printer cable  IV USB cable |
|  | **QUESTIONS** | | | |
| Week  4/5 | 4. Database | Students should be able to :  1. Define database and database package  2. state examples of database packages  3. define the basic terms in database  4. State the different forms of database organization  5. Recognize & state the features in a computer database format  6. Create a database  7. Carry out basic operations on an existing database | 1. Definitions:  - Database  - Database packages (DBMS)  2. Examples of DBMS:  Dbase III, Dbase IV, FoxBASE, Rbase etc.  3. Basic terminologies:  - File  - Record  - Field  - Key  4. Forms of database organization:  - Network  - Hierarchical  - Relational  5. Computer database Format:  - File designed as tables  - Tables composed of rows & columns  - Row (Field) contains related information  - Column (field) contains specific type of information  6. Creating database:  - Define the structure  - Indicate field type  - Enter & save data  7. Basic operations:  - Searching  - Sorting  - Modifying  - Generating report | 1. Define database  2. State the features in a database format  3. State the operations that can be carried out on a database  4. list the steps required in order to create a database  5. Explain the following:  I DBMS II Database III Field IV Primary key V Query  6. Explain the following with examples  I Network database II Hierarchical database  III Relational database  IV Object oriented database  7. List any ten data type or data item in **MICROSOFT ACCESS** database |
| Week 6/7 | Graphics  (Introduction to Corel Draw) | Students should be able to:  1. Define Graphics  2. List examples of graphics packages  3. State features in Corel Draw environment  4. Open CorelDraw  5. Use CorelDraw to Make simple design  6. Close & Exit CorelDraw | 1. definition of Graphics  2. Examples of graphics packages:  i. Paint  ii. Harvard graphics  iii. Photoshop  iv. CorelDraw  3. Features in CorelDraw environment:  i. Tools  ii. Color palette etc  4. Opening CorelDraw from programs (H-O-E)  5. Simple designs:  i. Complimentary cards  ii. Business cards  iii. Birthday/congratulatory cards  iv. School Logo  v. Nigerian flag | Students to:  1. Define graphics  2. State five examples of graphics packages  3. List 10 features in CorelDraw  4. State areas of use of CorelDraw  5. Design JIC school logo using CorelDraw  6. Mention 10 tools found on the tool box in CorelDraw |