**REVISION QUESTIONS**

Computer software

1. **Differentiate between system software and application software giving an example in each case.**

* *System software refers to programs whose main task is to manage computer system resources.Examples:Operating system, networking software,firmware,utility software while application software refers to programs that are designed to help the user accomplish specific tasks.Examples:word processors,spreadsheets,desktop publishing, databases.*

1. **What is the importance of an operating system?**

* *It provides an interface and a platform through which the computer user or client interacts with the computer system.*
* *Because it controls execution of user programs called applications and acts as a go between (interface) between the applications and the computer hardware.*
* *It manages input, output and storage operations in a computer*.

1. **Give five examples of application software and their respective uses.**

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| APPLICATION SOFTWARE | APPLICATIONS | EXAMPLES |
| Word processors | Typing documents like lettes,reports,curricum vitae among others | Microsoft word  WordPerfect  WordStar  AmiPro  Corel WordPro  K- word |
| Spreadsheets | Calculating budgets | Ms Excel  Lotus 1-2-3  Quattro Pro  Smart Suite |
| Desktop publishing | Designing publications like newspapers, bronchures, and books among others. It combines both text and graphics. | Adobe PageMaker  Microsoft publisher  Adobe Photoshop  Adobe Indesign |
| Database management system(DBMS) | Keeping records and files | Ms Access,MySQL,FoxBase,  Paradox Dbase III+,Dbase IV,Dbase V,Oracle,Informix,Ingress,Progress,  Sybase, Interbase, pinpoint, SQL Server. |
| Graphics software | Designing and manipulating graphics. Used to create artwork for printing. | Corel Draw, Photoshop,  Adobe Illustrator  Microsoft paintbrush |
| Accounting packages | Used to carry out accounting tasks | Quickbooks,Sage,Quickens  ACCPAC,System tactics |
| Presentation software | Used to present talks and discussion, for example to deliver lectures to live audiences | Microsoft PowerPoint  RM Illuminatus |
| Music software | Used for composing musical performances. Facilities provided are used to create, edit, store, print and play scripts; to record, process and replay a variety of sounds via input from a music keyboard and other “midi” instruments. MIDI stands for Musical Instruments Digital Interface. | Sibelius  Garage Band  Flooty loops  AIMP |
| Statistical software | Used to analyze statistical work e.g. of data collected from research | SPSS,CoSTAT,MSTAT,Q5,S+ |

1. **What are the advantages of standard software over the in-house developed software?**

* *Relatively cheap and readily available*
* *Can be use to accomplish many tasks for example DTP, wordprocessing, spreadsheets, accounting and records management.*
* *They are easy to learn and use, hence suitable for people with basic computer skills.*
* *They are provided with supportive documentation, which is available both in soft-copy and hard-copy.*

1. **What is the difference between single-purpose programs and integrated software?**

* *Single-purpose programs are software written by programmers to perform a specific job. They are created on demand, based on a problem that has been identified by a client that is they are customer-tailored while integrated software is a type of program that are developed by software engineers, packaged and then made available for purchase through vendor, a distributor or directly from the developer. A developer may bundle more than one but closely related software into one package to form a suite or integrated software*

1. **Why do computers need network software?**

* *To establish communication between two or more computers by linking them using a communication channel like cables or create a computer network.*

1. **Give three examples of operating systems.**

* *Microsoft Windows (95,XP,Vista,2000,7,8,8.1,10)*
* *UNIX*
* *Linux*
* *Macintosh (MacOS).*
* *Ubuntu*