**TOPIC 10: ELECTRONIC PUBLICATION**

**Define the term Electronic Publishing***E-Publishing refers to the use of digital resources and equipments to create and disseminate information by electronic means.*

**Give three forms of Electronic Publishing**

* *Web Publishing..*
* *Desktop publishing*

**Distinguish between web publishing and desktop publishing.***Web publishing (online publishing) which refers to putting content/ information to a website and the internet.* ***While***

*Desktop publishing: is the production and designing publications with advanced features and graphics by use of the computers. The publications include newsletters, business cards, brochures, invitation cards and like.*

**Give the examples common desktop publishing software.**

* *Microsoft Publisher Xara Page&Layout Designer*
* *Adobe InDesign Xara Designer Pro X Ultra XML Serif Ready Set, Go,*
* *Adobe Illustrator*
* *Adobe Page Maker*
* *Akhar 2016*
* *Calamus*
* *Corel Draw*
* *Corel Ventura*
* *Flip B*
* *In House Digital Publishing Software.*
* *FrameMaker*
* *HTML5 Page Flip*
* *Hyphen*
* *InPage*
* *Maul Publisher*
* *Page Plus*
* *Page Stream*
* *Prince XML*
* *PUB HTML5*
* *QuarkXPress*
* *Quick silver*
* *RagTime*

**State the areas of application areas/ uses of electronic publishing software.**

* *Used in designing email publishing content.*
* *Producing electronic books*
* *Producing electronic journals*
* *Used in web publishing*
* *Developing digital content*

**Identify advantages of electronic publishing.**

* *It is speedy and easily searchable.*
* *Rapid communication between the participants on the network.*
* *Electronic interaction with the buyer or user of an e-publication where the producer can collect valuable market research data very cheaply.*
* *Lower costs of review to changes and additions.*
* *E-publishing is accessible to all users regardless of a geographical location.*
* *Saves time and storage as more information can be stored electronically than on paper.*

**Give the disadvantages of electronic publishing.**

* *Web services may not get available everywhere.*
* *Many people will need training to use the resource.*
* *It requires computing equipment to use.*
* *Web pages may experience inconsistency of appearance between different computer architecture.*
* *Update is not of all pages.*

**State the characteristics of Desktop Publishing Software.**

* *They have colour libraries.*
* *They have drawing and picture editing tools.*
* *They allow for colour separation.*
* *They do high quality graphics work.*

**State the features of desktop publishing software.  
*Page layout:*** *The ability to define the layout of a page using frames to place text and pictures.* ***Font and styles:*** *A wide range of fonts and styles.* ***Drawing facilities:*** *Some drawing facilities, although they may be limited.* ***Importing pictures and text:*** *The ability to incorporate pictures and text from other packages into a document.* ***Clip art****: A library of pictures for you to include in your document* ***Accurate positioning****: The ability to position objects extremely accurately on the page using guidelines or a grid.*

**Name the documents that can be created using publication software**

* *Business card*
* *Certificates*
* *Greeting cards*
* *Invitation cards*
* *Brochures*
* *Flyers*
* *Identity cards*
* *Calendars*
* *News letters*
* *Envelopes*

**Explain the common terms as used in desktop Publishing Software.**

***Frame-****This contains a variety of objects such as graphics, tables, text boxes which can be resized, moved and manipulated to suite the user needs.*

***Handles-****They enable you resize your frame by clicking and dragging around them.*

***Template****-These are pre-defined and pre-chosen design styles and formats that you can use.*

0 (a) Definition of a motherboard: A piece of silicon or semiconducting material onto which integrated circuits or other electric components are embedded/printed/fixed.

A circuit board found inside the system unit that holds a number of electronic components attached to the computer.

(b) Identification of components housed on the motherboard.

* Microprocessor
* BIOS chip
* Display adapters
* Built in VGA
* NIC
* AGP and PCI expansion slots
* Buses
* CMOS battery
* Heat sink
* Transistors
* Ports.

11(a) Definition of terms as used in publications

(i) Frame: A feature that enables a user to fit in the required text or image of the required dimension.

(ii)Template: A computer document containing basic information that is used as a model for writing other documents such as business letters, envelopes, etc.

This is a tool having a pre-formatted design styles that can be used in publication to help a user easily create basic publication.

(b) Listing desktop publication software

* Adobe illustrator
* Microsoft Office Publisher (Ms Publisher)
* Adobe PageMaker
* Print Master
* PrintShop Professional
* Siera Print Artist
* Coral Draw
* Adobe InDesign
* Serif page plus

(c) Naming a document that can be produced using publication software

* Brochure
* Cards
* Certificates
* Calendars
* Posters
* Flyers
* Banners
* Webpage
* Newsletter
* **11.(a). What is a desktop publishing? (01 mark)**
* *Is used to design and produce complicated documents that contain text, graphics, and brilliant colors.*
* **(b). State two features of desktop publishing application programs.**
* **(02 marks)**
*  *DTP software is specifically designed to support* **page layout***, which is the process of arranging text and graphics in a document on a page-by-page basis.*
*  *DTP software includes* **color libraries** *to ensure that colors will print exactly as*
* *specified.*
*  *DTP software supports colors separation for producing the* **master copies** *used in the final presswork.*
* **(c). Give two examples of desktop publishing application programs.**
* **(02 marks)**
*  *Microsoft Publisher.*
*  *Adobe PageMaker.*
*  *Adobe InDesign.*
*  *QuarkXpress.*
*  *Broderbund Print Shop Pro.*