

## 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

- 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)**

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- *Is used to design and produce complicated documents that contain text, graphics, and brilliant colors.*

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- **(b). State two features of desktop publishing application programs.**

**• (02 marks)**

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- *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.*
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- (c). **Give two examples of desktop publishing application programs.**
  - **(02 marks)**
  - *Microsoft Publisher.*
  - *Adobe PageMaker.*
  - *Adobe InDesign.*
  - *QuarkXpress.*
  - *Broderbund Print Shop Pro.*