

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? (01mark)**

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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. (02marks)**

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- *✓ DTP software is specifically designed to support **pagelayout**, 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 **color separation** for producing the **master copies** used in the final press work.*
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- **(c). Givetwoexamplesofdesktoppublishingapplicationprograms.**
 - **(02marks)**

- ✓ *Microsoft Publisher.*
- ✓ *Adobe PageMaker.*
- ✓ *Adobe InDesign.*
- ✓ *QuarkXpress.*
- ✓ *Broderbund PrintShopPro.*