ICT – Extra Notes and homework

Week 9

Multimedia

What is Multimedia

Multimedia that uses several forms of information content (e.g. text, audio, graphics, animation, video) to inform or entertain the audience (User). Multimedia also means the use of electronic media to store and experience multimedia content. Multimedia means that computer info can be represented through audio, graphics, image, video and animation in addition to traditional media (text and graphics).

The Basic elements of multimedia:

➢ Text
➢ Graphic
➢ Animation
➢ Video
➢ Audio

Some examples of multimedia software:

✓ Video Editor
✓ Windows movie maker
✓ Window Media Player
✓ VLC media player

Video Editor

Steps to Play a movie

1) You should name your video accordingly.

2) To start Video, you need to add images, music and videos to the project Library

3) After adding picture to the library then you need to drag items from the project library.

4) You can edit your video by adding background music, add title card, duration, Text,

   Changing background etc.

Advantages of Multimedia Technology

- Provides an alternative medium of instruction over traditional teaching methods
- Increases learning effectiveness through providing a different perspective on learning and possibly on the topics being taught
- Is more appealing over traditional, lecture-based learning methods
- Offers significant potential in improving personal communications, education and training efforts through a more interactive experience
- Is easy to use
- Provides high-quality video images & audio which leads to more in depth learning
- In the case of education, frees the teacher from routine tasks

Theory Questions

Q1: Choose the correct answer from A,B,C,D to fill in the blanks

1) A program is a set if ……………..that tells a computer how to do work.
   A. Instructions
   B. Words
   C. Messages
   D. Software

2) Data are facts which may consist of words, numbers, pictures, sounds and …………..
   A. Books
   B. Electricity
   C. Papers
   D. Videos

3) We enter data into a ……………..by pressing the keys on the keyboard.
   A. Machine
   B. Computer
   C. Calculator
   D. Monitor

4) ……………device allows us to enter data, programs and commands into a computer.
   A. An output
   B. A computer
   C. A system
   D. An input

5) …………device carries information to us.
   A. A system
   B. An output
   C. An input
   D. A computer.

Q2: Choose the correct answer from the words in the box below to fill in the blanks

Monitor	Input	Microphone	UPS
data	instructions	output	Hardware

a) ………………… is input in the computer to produce information.

b) The microphone is an …………… device.

c) …………… are input into the computer together with data.

d) The ……..is a computer peripheral.

e) Computer ……………….is that part of the computer which can be touched.

f) ……………………devices are devices through which information is given out.

g) The ………is used to keep the computer running for some time after the power is switched off.

h) The ………….. is one of the main hardware of the computer.

Q3: Match the following parts of the computer to their respective clues

Mouse	Keeps the computer working after electricity goes off
Monitor	Parts of a computer which can be touched
Hardware	Data is shown on it
Printer	Selects objects on the screen
UPS	Prints on paper.

Q4: What is the Uninterrupted Power Supply (UPS) used for?