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Subject Digitals skills.

EXAM Final Term.

Dept MMC



Q1- What is frame rate? Discuss different types of frame rate? ①

Frame rate :-

Frame rate is the frequency at which consecutive images called frames appear on a display. The term applies equally to film and video cameras, computer graphics, and motion capture systems.

Frame rate may also be called the frame frequency and be expressed in Hertz.

P.T.O

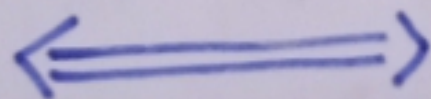
Different Types of Frame Rate:-

(2)

Frame Rate is the amount of An Individual video Frames that your camera captures, per Second. Frame Rate Comes in A Few Different standards (expressed as Frame per second or FPS):

24 FPS, 25 FPS, 30 FPS, 60 FPS

and 120 FPS - Frame Rate stems from Film and the very first Silent Films.



4/- Mention and Discuss Different video resolution in Detail? (3)

Video Resolution:- There are the video resolution in a Display device refers to the number of distinct pixels that could be displayed in each dimension. It is usually quoted as width x height for example "1024 x 768". The example of 1024 indicates the height that the Display could be resolves in pixels.

A Display Resolution can be controlled by Factors like the Cathode Ray Tube and Flat panel display which are presented in Digital television and Computer Monitors.

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Types of video resolution.

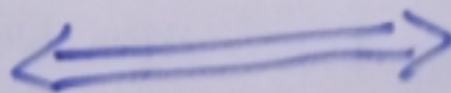
(4)

- * Standard Definition.
- * High Definition.

* **Standard Definition:-** The most popular standard resolutions are the 640×360 and 640×480 for video. and 720×480 and 720×576 for DVD.

High Definition:-

HD video usually has a resolution of 1280×720 (720p) or 1920×1080 (1080p, is also known as a Full HD)



3/- Explain the functions of 10 important hardware of Editing machine? (5)

Computer hardware includes the physical parts of a computer such as the case, central processing unit (CPU), monitor, mouse, keyboard, computer data storage, graphics card, sound card, speakers and mother board.

By contrast, software is the set of instructions that can be stored and run by hardware.

Hardware is so-termed because it is hard or rigid with the respect to changes, whereas software is soft because it is easy to change.

P.T.O



Important Hardware of An Editing Machine:-

(6)

* TEN Important Hardware Specification of An the Editing Machine.

CPU Processor power

RAM Memory

Hard Drive STORAGE

Graphic Card

LCD Monitor

Mother Board

Mother Board

STORAGE

Power supply

HARD DISK Drive

(P.T.O)



MAJOR Hard ware Components
of Computer system :-

(7)

Monitor

Mother Board

CPU

Main memory

Expansion Card

Power supply unit

Optical disc Drive

Hard Disk Drive

