**QUIZ NINE**

**Describe the basic duties of a DP. Explain the difference between a director of photography and a cinematographer.**

The DP or director of photography oversees what cameras to use and the lighting as well. Whereas the cinematographer has a more creative roll and tries to induce an emotion from a shot.

**What jobs comprise the director of photography’s crew? What are the duties of each member of his team?**

The camera operator, focus puller, and clapper.

**Why is depth perception important when lighting an actor?**

Since humans have stereovision the lighting has to direct the eyes on a specific focal point.

**What are the three main lights used in cinematography? How are they used together to create "the visual image"?**

The key lights, the backlights, and the fill light

**What is the difference between tungsten incandescents and HMIs? What is the purpose of each?**

Tungsten light gives off a yellow light and HMI’s give a blue light. The director can manipulate these to induce certain feelings in a scene.

**What are some of the other tools a director of photography will use to create lighting effects?**

The tools a DP can use to create different light are endless, entirely up to his/her creative mind. They could throw a sheet over a window to dim the light, or put up reflectors to use a bounce light.

**What are the different parts of a camera?**

Lens, body, aspect ratio, flash, ISO.

**Why is "vetting" your DP so important? When vetting him, what characteristics are you looking for? What do you want to avoid?**

Having a DP that is competent, and similar in style is important to the director, if not, there could be an unhealthy push-pull relationship throughout the production.

**What is the most important quality of a camera?**

The lens is the most important because it has so many different variations.

**What is focal length and what does it affect?**

The focal length is the magnification power usually express in millimeters.

**What is controlled by the iris?**

The F-stop.

**What does the shutter control?**

How much light comes into the camera.

**In your own words, why is well executed sound important?**

Sound is the unsung hero of filmmaking, and poor sound can ruin an entire movie. It is important because sound gives rhythm to a film and keeps a steady pace if done right.

**Who generally comprises a sound crew?**

A mixer, a boom operator and a couple of assistants.

**Why does the mixer need to make sure levels are kept within a proper range?**

The range is specific and important because when exporting a film, and showing it to a theater the sound could get distorted.

**What are the tasks of a sound assistant?**

Attaching small mics to actors, handling batteries, wrapping cables.

**What is time code used for?**

The time code is used to sync audio and video.