



BHARATI VIDYAPEETH'S

INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT (BVICAM)

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Course Code: BA(JMC)-205

Course Name: Basics of Video Camera,
Lights and Sound

Assignment 1

(Based on Unit-I)

QUESTIONS.	Co	BTL
Case: A reputable film production business has decided to bring you on board as a consultant for their video production department. The production business intends to shoot a feature film, and before they do so, they want to ensure that their technical expertise, camera operations, and equipment are up to the standards set by the industry. Your job is to come up with comprehensive suggestions and answers for the following problems and concerns:	CO1	6
1. Analyse the various components of a video camera and describe their functions within the context of film production.	CO1	4
2. Appraise the significance of image quality, low-light performance, and ergonomics in the context of selecting ideal camera models for professional film production. Justify your recommendations by critically evaluating how these factors enhance the filmmaking process and end-product quality.	CO1	5
3. Assess and contrast the diverse array of video camera options in the market, analyzing their merits and drawbacks in relation to their suitability for film production. How might each type's specific advantages and disadvantages impact the overall quality and efficiency of the filmmaking process?	CO1	5
4. Examine the role and impact of various supplementary equipment and accessories, like camera stabilizers and tripods, in the realm of film production. Categorize their functions and relationships within different aspects of filmmaking, and infer how these tools simplify the process and contribute to the overall quality of the final product."	CO1	4
5. Discuss the impact of various broadcast standards, such as PAL and	CO1	2

NTSC, on the film's distribution strategy and intended audience.		
6. Determine the importance of adhering to specific broadcasting standards for ensuring compatibility across diverse platforms and regions. Evaluate the influence of these standards on the production process and advise the production company on the necessary steps to be taken in order to meet these requirements effectively. Justify the significance of following such standards and assess their potential influence on the company's reputation and audience reach	CO1	5
7. Analyze commonly used prime and zoom lenses in film production, then suggest lens options suitable for the project, backed by your assessment of each lens type's unique features and how they align with the project's visual goals.	CO1	5
8. Utilize your film production knowledge to offer detailed explanations and real-life instances of aperture control, depth of field, depth of focus, focal length, and aspect ratio. How do these components contribute to cinematic storytelling, and how do they shape visual narratives?	CO1	6
9. Analyse how each of these camera controls and adjustment elements adds to the overall visual storytelling and aesthetic of a film, and discuss how they interact with one another	CO1	5

Unit II

Analyse a movie of your choice. Create a **PowerPoint presentation (PPT)** focusing on the following guidelines.

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QUESTIONS.	Co	BTL
Create a PowerPoint presentation (PPT) based on your chosen film, adhering to the following guidelines.	CO2	6
1. Analyse selected 5 scenes of the chosen film, focusing on the various camera angles employed.	CO2	4
2. Elaborate the function and effect of various shot types in expressing ideas and feelings.	CO2	6
3. Demonstrate the various camera positions with still images from the selected film.	CO2	2
4. Evaluate the emotional and narrative impact of various camera placements.	CO2	5

5. Appraise the significance of each camera motion and how it served to advance the narrative visually.	CO2	5
6. Criticize the deliberate application of composition principles by vividly Selecting the major frames from the film.	CO2	5