

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2025
(Fifth Semester)

Branch – VISUAL COMMUNICATION (ELECTRONIC MEDIA)

CINEMATOGRAPHY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Who is credited with pioneering silent films? a) Thomas Edison b) Georges Méliès c) D.W. Griffith d) Alfred Hitchcock	K2	CO1
	2	Which feature distinguishes a silent film from a sound film? a) Absence of synchronized dialogue b) Use of color c) Use of turret lenses d) Type of camera	K2	CO4
2	3	Which of the following is a film-based camera? a) Arri Alexa b) RED Digital c) Panavision d) Blackmagic	K2	CO1
	4	Which system provides immersive sound in cinema? a) Nagra Recorder b) THX c) Dolby Atmos d) Single CCD	K2	CO1
3	5	Which of the following is NOT one of the 5Cs of cinematography? a) Camera angles b) Cutting c) Composition d) Colour grading	K3	CO3
	6	How does digital cinematography differ from film cinematography? a) Uses physical film reels b) Captures images as digital data c) Cannot record sound d) Does not allow color grading	K2	CO1
4	7	What does "T number" indicate in a lens? a) Focal length b) Light transmission c) Lens mount type d) Depth of field	K2	CO4
	8	What is the primary purpose of a matte box? a) To store film b) To prevent unwanted light from hitting the lens c) To change aspect ratio d) To adjust T number	K2	CO4
5	9	Which type of lighting creates deep shadows? a) Hard light b) Soft light c) Fill light d) Ambient light	K5	CO5
	10	Why is key lighting important in cinematography? a) It sets the main exposure and highlights the subject b) It removes the need for fill light c) It adjusts the lens focal length d) It records sound	K2	CO4

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain with an example how the choice between Arriflex and Panavision cameras can affect the filming of a scene.	K3	CO3
	(OR)			
	11.b.	Illustrate how PAL and NTSC systems determine the quality and format of video playback in cinema.		
2	12.a.	Analyze the role of early sound technology in shaping film production practices.	K4	CO2
	(OR)			
	12.b.	Analyze how the introduction of Technicolour affected visual storytelling in early cinema.		
3	13.a.	Critically evaluate the strengths and limitations of film versus digital cinematography.	K5	CO5
	(OR)			
	13.b.	Assess the significance of DCI standards across global digital film production and exhibition.		
4	14.a.	Apply the concept of focal length to explain how wide-angle and telephoto lenses affect perspective in a scene.	K3	CO3
	(OR)			
	14.b.	Illustrate how rack focus can be used to shift audience attention between subjects within the same frame.		
5	15.a.	Examine the role of white balance in ensuring accurate colour reproduction in digital cinematography.	K5	CO5
	(OR)			
	15.b.	Examine how lighting techniques like low-key and high-key lighting shape the mood of a scene.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Analyze how the transition from black-and-white to early color and Technicolor influenced cinematographic techniques with relevant examples.	K4	CO2
2	17	Compare and contrast the advantages and limitations of digital cinema cameras versus traditional film camera.	K2	CO4
3	18	Imagine that you are shooting a scene in a low-lit environment. Analyze the role of various lighting devices and improvisation techniques to ensure proper exposure and mood.	K5	CO5
4	19	Evaluate how the use of shallow depth of field, anamorphic lenses, and mixed lighting conditions can shape the visual narrative of a film with reference to technical challenges and aesthetic aspects.	K3	CO3
5	20	Critically evaluate the integration of immersive sound formats (Dolby, DTS, THX, Atmos) with digital cinematography workflows with reference to potential technical challenges and solutions.	K5	CO5