

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)

**BSc DEGREE EXAMINATION DECEMBER 2025**  
(First Semester)

**Branch – VISUAL COMMUNICATION (ELECTRONIC MEDIA)**

**DIGITAL PHOTOGRAPHY**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

$(10 \times 1 = 10)$

Module No.	Question No.	Question	K Level	CO
1	1	Which file format is best suited for preserving image quality without compression? a) JPEG      b) PNG c) RAW      d) TIFF	K2	CO1
	2	What is the primary function of a grey card in digital photography? a) To adjust shutter speed b) To measure accurate color balance c) To increase image resolution d) To act as a lens filter	K2	CO1
2	3	What does white balance adjust in a photograph? a) Exposure levels      b) Color temperature c) Image resolution      d) Focal length	K2	CO1
	4	Which lighting characteristic controls how soft or harsh a shadow appears? a) Intensity      b) Direction c) Diffusion      d) Reflection	K2	CO1
3	5	Diffused light in photography results in: a) Hard shadows      b) High contrast c) Soft shadows      d) No shadows	K2	CO1
	6	In a histogram, a spike on the right side indicates: a) Underexposure      b) Overexposure c) Balanced exposure      d) Low contrast	K2	CO1
4	7	What is the primary goal of a photo essay? a) To advertise a product b) To tell a cohesive story through images c) To capture a single moment d) To showcase technical skills	K2	CO1
	8	Which genre of photography is commonly associated with documenting social issues? a) Mobile Photography b) Street Photography c) Photojournalism d) Advertising Photography	K2	CO1
5	9	The term “PPI” in photography stands for: a) Pixels per Inch b) Photo Processing Interface c) Photographic Print Index d) Picture Per Image	K2	CO1
	10	Which of the following is NOT an image editing software? a) Photoshop b) CorelDraw c) Lightroom d) GIMP	K2	CO1

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.	Detail on construction & functions of lens, sensor, shutter, processor, LCD, viewfinder, modes.	K2	CO1		
	(OR)					
	11.b.	Describe the types of filters and special accessories for digital cameras, with their uses.				
2	12.a.	Elaborate on Lenses: prime, zoom, wide-angle, telephoto, macro, fish-eye in detail.	K2	CO1		
	(OR)					
	12.b.	Explain the relationship between shutter speed and motion capture.				
3	13.a.	Determine on Light characteristics: intensity, direction, diffusion, reflection, distance with examples.	K3	CO2		
	(OR)					
	13.b.	Examine the science of color in photography, focusing on color perception and cameras.				
4	14.a.	Derive in detail on Mobile Photography and Street Photography.	K3	CO2		
	(OR)					
	14.b.	Examine photo essay. Explain its role in visual storytelling with an example.				
5	15.a.	Explore the image editing tools in Lightroom and the role of AI in post-processing.	K4	CO3		
	(OR)					
	15.b.	Examine the workflow of digital image post-processing using Photoshop.				

**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	Describe the customization options and special features in digital cameras.	K2	CO1
2	17	Elaborate on the importance of histogram in photography and interpretation of highlights, mid-tones, and shadows.	K2	CO1
3	18	Explain the uses & functions of different types of artificial lights used in photography.	K3	CO2
4	19	Explain various types of photography such as Sports, Environmental, and Aerial Photography with examples.	K4	CO4
5	20	Interpret on image file formats, resolution, and displaying digital images on various media.	K5	CO5