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ANNA UNIVERSITY (UNIVERSITY DEPARTMENTS)

B.E. /B. Tech / B. Arch (Full Time) - END SEMESTER EXAMINATIONS, APR / MAY 2024

OPEN ELECTIVE

PT5791 DIGITAL PHOTOGRAPHY
(Regulation 2019)

Max. Marks: 100

Time: 3 hrs

CO1	Choose camera settings and lenses for required photography.
CO2	Use appropriate lights and lighting techniques for digital Photography.
CO3	Tell stories and news articles through photographs.
CO4	Edit and Retouch a digital Image.
CO5	Design a portfolio with digital photography.

BL – Bloom's Taxonomy Levels

(L1-Remembering, L2-Understanding, L3-Appling, L4-Analysing, L5-Evaluating, L6-Creating)

PART- A (10x2=20Marks)

Q. No.	Questions	Marks	CO	BL
		2	1	L1
1	List the types of digital camera.	2	1	L1
2	List the types of camera lenses.	2	2	L2
3	What is color temperature?	2	2	L1
4	What is the range of visible spectrum?	2	3	L2
5	What is photojournalism?	2	3	L4
6	What is the difference between the resolution for newspapers and jewelry magazine?	2	4	L1
7	List any four image processing and editing software tools.	2	4	L1
8	List any four printing techniques for digital images.	2	5	L4
9	Differentiate between black and white images and greyscale images.	2	5	L3
10	Write any four camera settings for shooting good quality wildlife photos.	2	5	L3

PART- B (5x 13=65Marks)

Q. No.	Questions	Marks	CO	BL
		13	1	L2
11 (a)	With neat diagram explain the different parts of a digital camera.	13	1	L2
	OR			
11 (b)	Explain in detail about the significance of apertures, shutter speeds and ISO in exposure of photographs	13	1	L2
12 (a)	Explain about the types of light and their relevance with different photographic scenes.	13	2	L4
	OR			
12 (b)	Compare and explain the pros and cons of three point lighting and five point lighting.	13	2	L4
13 (a)	Explain about the types of photojournalism.	13	3	L2
	OR			
13 (b)	Explain about the role of photo editor in editing pictures for newspapers and magazines.	13	3	L2

14 (a)	Explain about the types of image resizing and image resampling techniques	13	4	L4
OR				
14 (b)	Write in detail about any three image compression techniques with their advantages and disadvantages.	13	4	L4
15 (a)	Explain in detail about the relation between color and human psychology with proper examples.	13	5	L4
OR				
15 (b)	Elaborate about the factors to be considered for landscape photography and sports photography	13	5	L4

PART- C (1x 15=15Marks)
(Q.No.16 is compulsory)

Q. No.	Questions	Marks	CO	BL
16.	If you are to prepare a photo journal of Anna University's Academic and Extra-curricular activities what would be you plan of action? What would be you choice of images, camera and other lighting techniques.	15	4	L6

