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Total Pages : 3

**327208**

May-2026

**B.Sc. (VCMT) IInd Semester**  
**DIGITAL PHOTOGRAPHY TECHNIQUES**  
**(BSC-VCMT-202-23)**

Time: 3 Hours]

[Max. Marks : 75

*Instructions :*

- 1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
- 2. Answer any four questions from Part-B in detail.*
- 3. Different sub-parts of a question are to be attempted adjacent to each other.*

**PART-A**

- (a) Write full form of DSLR. (1.5)

(b) Define photography. (1.5)

(c) What is ISO? (1.5)

(d) Define depth of field. (1.5)

(e) What is RAW image format? (1.5)

(f) What is white balance? (1.5)

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- (g) Define focal length. (1.5)
- (h) What is three-point lighting? (1.5)
- (i) What is the function of a tripod? (1.5)
- (j) What is the purpose of a camera lens? (1.5)

**PART-B**

- 2. (a) Explain the three-point lighting system and its importance. (10)
- (b) Explain different types of camera lenses. (5)
  
- 3. (a) Discuss the rule of thirds with examples. (5)
- (b) Discuss lighting in photography and different types of lights. (10)
  
- 4. Describe various image formats (RAW, JPEG, PNG, TIFF, GIF, PSI) and their uses. (15)
  
- 5. (a) Write a short note on composition and framing. (5)
- (b) Explain camera functions and settings in detail (aperture, shutter speed, ISO). (10)
  
- 6. (a) Explain various types of shots, camera angles, and movements. (10)

- (b) Differentiate between film and digital photography. (5)

- 7. Explain camera accessories such as tripod, lenses, gimbal, flash, and their importance. (15)