

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086.**  
**(For candidates admitted during the academic year 2008-09 & thereafter)**

**SUBJECT CODE : PH/ME/TP24**

**B.Sc. DEGREE EXAMINATION APRIL 2011**

**BRANCH III - PHYSICS**

**SECOND SEMESTER**

<b>COURSE</b>	<b>:</b>	<b>MAJOR – ELECTIVE</b>	
<b>PAPER</b>	<b>:</b>	<b>TECHNIQUES OF PHOTOGRAPHY</b>	
<b>TIME</b>	<b>:</b>	<b>3 HOURS</b>	<b>MAX. MARKS : 100</b>

**SECTION – A**

**(10 x 3 = 30 marks)**

**Answer all questions**

1. Differentiate between Focus and Focal Length.
2. What are Telephoto Lens?
3. Define Range Finder.
4. What is a Photogram?
5. What is half side lighting?
6. Define Grain and Resolution.
7. What is a Film?
8. Define Leaf Shutter.
9. What are dodging procedure?
10. What are Digital Cameras?

**SECTION – B**

**(5 x 6 = 30 marks)**

**Answer any five questions**

11. Write note on Soft and Hard Light.
12. What are F-stop number? Write down the F-number series that commonly appear on SLR Cameras.
13. Compare Human Eye and Camera.
14. Mention features of Pin Hole images.
15. Explain basic camera components.
16. Write note on (a) Printing (b) Processing
17. Explain (a) Wide Angle Lens (b) Zoom Lens.

**SECTION – C**

**(2 x 20 = 40 marks)**

**Answer any two questions**

18. Explain various types of lenses.
19. Explain different types of filters.
20. Write note on
  - a) Charge coupled devices
  - b) Card Reader
  - c) Color Mixing
  - d) Color Saturation.
21.
  - a) How are chemicals used for film development and printing prepared?
  - b) How are photographic paper developed and printed?
  - c) Write note on Adobe-Photoshop.

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