

Total No. of Questions : 4]

SEAT No. :

P1729

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S.Y.B.Sc. (Semester - I)

**PHOTOGRAPHY AND AUDIO-VISUAL PRODUCTION
(VOCATIONAL)**

Still Photography, Processing & Printing (Paper - III)

Time : 2 Hours]

[Max. Marks : 40

Instructions to the candidates :

- 1) All questions are compulsory.*
- 2) Draw neat and labeled diagrams wherever necessary.*
- 3) Figures to the right indicate full marks.*

Q1) Answer the following in short.

[16]

- a) How is a subject important in photography?
- b) State the law of transmission and absorption of light.
- c) Explain the significance of the back elements of a camera lens.
- d) How would you push the far limit of depth of field to infinity?
- e) Discuss the importance of the 'histogram' in digital photography.
- f) Calculate the angle of view of a lens with a focal length of 100 mm on a full frame DSLR camera.
- g) The guide number of a flash light is 56, what does it mean?
- h) Wide angle lenses are generally slower. Explain.

Q2) Attempt Any Two of the following .

[8]

- a) Discuss why artificial light is necessary in photography.
- b) Discuss how filters are useful in photography. Give suitable examples.
- c) Discuss the features of a zoom lens.

P.T.O.

Q3) Write notes on Any Two of the following. **[8]**

- a) Metering patterns of a TTL exposure meter.
- b) Use of skylight filter in photography.
- c) Architectural photography.

Q4) Answer Any One of the following. **[8]**

- a) Give suitable examples and discuss how colours are important in photography.
- b) Draw a suitable diagram and discuss the standard three point lighting set-up used for studio portrait. Explain the importance of each light used in this set-up.

