

Total No. of Questions :5]

SEAT No. :

[Total No. of Pages :2

P374

[5215] - 33

F.Y.B.Sc. (Vocational)

PHOTOGRAPHY AND AUDIO-VISUAL PRODUCTION

Basic Photography and Appreciation of Media (Paper - I)

(2013 Pattern)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

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

Q1) Answer the following:

[16]

- a) Draw a diagram and explain the difference between specular reflection and diffuse reflection of light.
- b) What is iris diaphragm? How is it useful in a camera?
- c) What is the purpose of the white balance setting in a DSLR camera?
- d) What is ISO? How is it useful in digital photography?
- e) Explain the difference between an unsharp image and a blurred image.
- f) What is the function of the mirror in a DSLR camera?
- g) What pixel? How is it important in digital photography?
- h) What do you mean by pixel? How is it important in digital photography.

P.T.O.

Q2) Answer ANY FOUR of the following: [16]

- a) What do you mean by f number? Write down the f number scale. What is a full stop, half stop and intermediate stop?
- b) Draw a diagram and show the different types of distortions produced by a lens. How are these removed?
- c) How is a photographic image analyzed technically?
- d) Draw suitable diagrams and explain the rule of thirds and the rule of golden points. How are these useful in photographic composition?
- e) Draw a suitable diagram and describe a box camera. What are the merits and demerits of this camera?

Q3) Answer ANY FOUR of the following: [16]

- a) Explain the term 'amateur photographer'.
- b) Compare the focal plane shutter and the leaf shutter.
- c) Discuss your rights / privileges as a press photographer.
- d) What is the difference between a 'hard news' and a 'soft news'? How do you prepare for both types of news?
- e) How is a photographic image analyzed technically?

Q4) Answer ANY TWO of the following: [16]

- a) Discuss application areas of photography.
- b) How would you analyze photography as a medium of mass communication?
- c) Discuss the importance of a photographic image in the print media.

Q5) Answer ANY TWO of the following: [16]

- a) Discuss any four elements of composition. Draw suitable sketches for supporting your discussion.
- b) Explain the different parts of a DSLR camera and their functions.
- c) Discuss the ethical norms a photojournalist should observe.

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