

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

INTRODUCTION TO DIGITAL PHOTOGRAPHY (THEORY-I)*Instructions.—*(1) All questions are *Compulsory*.(2) Illustrate your answers with neat sketches wherever *necessary*(3) Assume suitable additional data, if *necessary*.**Marks**1. (a) Select correct option (*any five*) :—

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(i) In a digital camera the image is recorded on

- (a) Data card (b) Film
(c) Sensor (d) Disk drive.

(ii) Photography means

- (a) Light + graphic (b) Art + Science
(c) Maths + Science (d) Light + Art.

(iii) is a small aperture.

- (a) 1.4 (b) 16
(c) 2.8 (d) 22.

(iv) 70-200 mm lens is categorised in types.

- (a) Normal lens (b) Zoom lens
(c) Tele photo lens (d) Micro lens.

(v) Extensive use of light in the photography results into of an image.

- (a) Over expose (b) Under expose
(c) Blur (d) Sharp.

(vi) In SLR camera is used.

- (a) 34 mm film (b) 35 mm film
(c) 110 mm film (d) 120 mm film.

(b) Match the pairs :—

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'A' Group

'B' Group

- (i) Full frame DSLR (a) 50 ISO
(ii) Slow film (b) Wide-Angle Lences
(iii) Small object photography (c) TV
(iv) Shutter priority (d) 35 mm
(v) Short focal length (c) Macro lens.

(c) State whether *true* or *false* (*any five*) :—

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- (i) There is one lens in TLR camera.
(ii) Normal lens is used for micro photoghaphy.
(iii) Bromide paper is used to develop photo.
(iv) Tele photo lens is used for wildlife photography.
(v) The camera obscura was first recorded in 500 BC.
(vi) Shutter speed is shown by 'A'.

[turn over

- (d) Answer in one sentence (any *five*) :— 5
- (i) What is mean by DSLR ?
 - (ii) How many types of lenses ?
 - (iii) What is mean by HDR ?
 - (iv) What is mean by AF ?
 - (v) What is mean by JPEG ?
 - (vi) What does 'T' symbolise ?
2. Write a notes on (any *four*) :— 16
- (a) Camera sensor
 - (b) Shutter type
 - (c) TTL Meter
 - (d) Pentaprism
 - (e) Focal length.
3. Answer (any *two*) :— 16
- (a) Explain in detail about aperture with suitable diagram ?
 - (b) Write in detail whether photography is an Art or Science.
 - (c) Explain in detail about dark room with diagram.
4. Answer (any *two*) :— 16
- (a) Explain in detail about types of Autofocus system.
 - (b) Explain in detail about normal focal length and short focal length.
 - (c) State the importance of photography in today's world.
5. Answer (any *two*) :— 16
- (a) What is exposure triangle ? Explain with details.
 - (b) Explain in detail about perspective photography.
 - (c) What is a panning ? Explain it.
6. Answer (any *two*) :— 16
- (a) What is more important in product photograph, Composition or lightning ? Explain with proper examples.
 - (b) Differntiate between SLR anf TLR camera with suitable diagram.
 - (c) State the importance of white balance setting in digital photography.
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