

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

ADVANCE PHOTOGRAPHY AND STUDIO SETUP (THEORY-II)*Instructions.—*(1) All question 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) is a Camera mode.

- (a) Portrait (b) lens
(c) View finder (d) Focal length.

(ii) The amount of light or darkness on a photograph is known as

- (a) Exposure (b) Shutter speed
(c) Contrast (d) Sharpness.

(iii) is the unit of measurement for light in photography.

- (a) Apertures (b) Shutter speed
(c) Calibration (d) Stops.

(iv) A low aperture would create

- (a) smaller depth of field (b) A larger depth of field
(c) Aperture doesn't change the depth of field.

(v) The balancing of light within a photograph is done by setting.

- (a) White balance (b) Aperture
(c) Shutter speed (d) exposure.

(vi) Perfect exposure is a result of the right mixture of

- (a) Shutter speed + aperture + resolution
(b) Film speed + aperture + exposure
(c) Exposure + aperture + shutter speed
(d) Aperture + shutter speed + film speed.

(b) Match the pairs :—

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' A ' Group

' B ' Group

- | | |
|---------------|----------------------|
| (i) P | (a) Duplicate layer |
| (ii) K | (b) aperture |
| (iii) AF | (c) Kelvin |
| (iv) Ctrl + J | (d) Portrait mode |
| (v) F | (e) Auto focus mode. |

- (c) State whether *true* or *false* (any *five*) :— 5
- (i) CNYK colour models is not in photoshop.
 - (ii) Golden ratio is a part of tungsten lighting.
 - (iii) A photograph taken in a bright sunlight will be named as indoor photography.
 - (iv) The closer you get to a subject, the more the background becomes blurry.
 - (v) Setting the camera for auto white balance (WB) is as good as setting it manually.
 - (vi) Shift +N is the shortcut key to create a new file in photoshop.
- (d) Answer in one sentence (any *five*) :— 5
- (i) What is mean by FOV ?
 - (ii) For what purpose Photoshop is used ?
 - (iii) Apertures would give the best deep depth of field.
 - (iv) What is CMYK and RGB stands for ?
 - (v) What is file Extension in photoshop ?
 - (vi) What is the shortcut key to create a new file in photoshop ?
2. Write a notes on (any *four*) :— 16
- (a) Butterfly light
 - (b) Tonal Value
 - (c) Exposure lock
 - (d) Histogram
 - (e) low angle light.
3. Answer (any *two*) :— 16
- (a) What is flash synchronisation ? How it apply to studio lights ?
 - (b) What is Kelvin in camera ? How it affect the image.
 - (c) What is depth of field ? How it affect the image.
4. Answer (any *two*) :— 16
- (a) Write in detail about digital photography.
 - (b) How a good composition make your photograph better ? Discuss with examples.
 - (c) Write in detail about type of camera flash.
5. Answer (any *two*) :— 16
- (a) What is light shaping tools ? Explain its different types and uses.
 - (b) How would you position your subject to display a halo of light around them ? Briefly describe the setup.
 - (c) What is DSLR camera ? How it is different from SLR ? Explain with diagram.
6. Answer (any *two*) :— 16
- (a) When and why do photographers use a studio.
 - (b) Why and when you need to use the cameras flash even in outdoor photography.
 - (c) Write in detail about light meter and its function.