



BRAINWARE UNIVERSITY

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Barasat, Kolkata

Term End Examination 2022

Programme – M.Sc.(AM)-2020/M.Sc.(AM)-2022

Course Name – Digital Image Making

Course Code - MMM102

(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Which compositional technique uses lines to bring the viewer into, out of, and around the photograph? Select the correct option.
- a) Rule of Thirds
b) Filling the Frame
c) Leading Lines
d) Diffused Background
- (ii) The rule of thirds divides up the image into thirds. Select the correct option.
- a) Vertically
b) Horizontally
c) Both horizontally and vertically
d) Diagonally
- (iii) Photography began with the _____. Select the correct option.
- a) Camera Obscura
b) DSLR
c) Point and shoot camera
d) BROWNIE
- (iv) Differentiate - Narrow Aperture and wide Aperture
- a) F/1.8 - F/18
b) F/12.5 - F/25
c) F/3.6 - F/28
d) F/36 - F/2.8
- (v) Predict the following statement - Increasing ISO Value means
- a) ALLOWING LIGHT
b) DECREASING DOF
c) CREATING MOTION BLUR
d) CREATE HDR IMAGES
- (vi) Summarize how to compensate the Exposure
- a) BALANCING APERTURE
b) BALANCING ISO
c) BALANCING SHUTTER SPEED
d) ALL OF THESE
- (vii) DSLR stands for. Select the correct option.
- a) Digital Single Lens Reflex
b) Digital Single Lens Reflector
c) Digital Single Lens Reflection
d) None of the above
- (viii) Which one of the following is NOT an advantage of a 'Prime' Lens? Choose the correct option.

- a) Versatility between focal lengths
c) Super sharp images
- b) No optical distortion
d) Excellent lens quality
- (ix) Explain the function of fisheye lens.
- a) A super wide lens
c) A normal lens
- b) A wide lens
d) A telephoto lens
- (x) Which lens gives you the widest view? Choose the correct option.
- a) 18mm
c) 50mm
- b) 28mm
d) 100mm
- (xi) A three-footed stand often used to balance a camera.
- a) Tripod
c) Monopod
- b) Flash
d) Lens
- (xii) A small screen on the back of a digital camera that allows the user to review photos or take them without looking through the viewfinder.
- a) Lens
c) Viewfinder
- b) LCD Display
d) Camera body
- (xiii) Which shutter speed lets in more light?
- a) 1/30
c) 1/400
- b) 1/60
d) 1/1000.
- (xiv) The ISO setting is decided by:
- a) How much light is available.
c) The length of your lens
- b) The Color of your light source.
d) None of these
- (xv) Photography comes from the Greek words PHOTOS and GRAPHS. What does it mean? Select the correct option.
- a) Light modelling
c) Light texture
- b) Light picture
d) None of them.

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Define the function of the Zoom lens. (3)
3. Define the Block or Prime lens. (3)
4. Illustrate how to compose a light trail. (3)
5. Define Focal length. (3)
6. Describe the term AF & MF . How it works. (3)

OR

Illustrate how to compose a light trail. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Define Camera Obscura. (5)
8. Explain the function of the Telephoto Lens. (5)
9. Describe Composition. (5)
10. Differentiate the effect of GND & CPL filter on a photograph. Give suitable example. (5)
11. Explain, while shooting Macro photography what are the factors will you consider. (5)
12. Explain different white balance in your camera. (5)

OR

Explain Exposure Triangle. How will you apply it while shooting a afternoon scene where few players are playing football in a playground, patches of clouds all around the sky. (5)