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Section : **Fine Arts Photography**

Q.1

Callier coefficient or Callier Q factor is expressed as

A. Specular density / Diffuse density

B. Double diffuse density/ Specular density

C. Visual density/ Printing density

D. Arbitrary density/Spectral density

Ans ✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937114**

Q.2

Photographic technique that records the light scattered from an object and then projection it as an 3D object is called

A. Digital Photography

B. 3D Animation

C. Holography

D. Video Animation

Ans ✘ 1. A
✘ 2. B
✔ 3. C
✘ 4. D

Question ID : **5834937149**

Q.3

The reflectivity from a surface is

A. Light from incident surface/light reflected on surface

B. Light refracted from surface/light reflected on surface

C. Light reflected from surface/light absorbed by surface

D. Light reflected from surface/light incident on surface

Ans ✘ 1. A
✘ 2. B
✘ 3. C
✔ 4. D

Question ID : **5834937109**

Q.4

Optical center is a point

A. Lies in Mid-point between lens surface and optical axis

B. Lies in between focus and image plane along the optical axis

C. Lies in front of lens in the optical axis

D. Lies backside of the lens between focus and sensor

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937117**

Q.5 Fish eye lenses are called

A. Wide angle lenses

B. Normal angle lenses

C. Long angle lenses

D. Ultra-wide lenses

Ans
✘ 1. A
✘ 2. B
✘ 3. C
✔ 4. D

Question ID : **5834937105**

Q.6

Speed of light in vacuum is

A. 2.998×10^8 m/s

B. 29.98×10^8 m/s

C. 299.8×10^8 m/s

D. 2998×10^8 Km/s

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937106**

Q.7 Shot in which camera physically moves is called

A. Tracking shot

B. Close up shot

C. Eye level shot

D. Long shot

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937135**

Q.8 Which is used to indicate the limit of the field of view

A. Shutter speed

B. View finder

C. Maximum F – Number

D. Lens

Ans
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937119**

Q.9 Pixels in the Image sensors are arranged in a linear array

A. For scanning devices

B. For high resolution photos

C. For technical photos

D. For DSLR camera

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937157**

Q.10 Computer movie file with extension MOV developed by APPLE is

A. Windows Media
B. Flash Video
C. Quick Time Movie
D. MPEG Transport Stream

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937146**

Q.11 In zoom in condition, Image seems to be

A. Smaller and nearer than the actual distance
B. Larger and farther away
C. Smaller and farther away
D. Larger and nearer than the actual distance

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937154**

Q.12 If a camera is specified as 30X zoom and the minimum focal length is 10mm, then the maximum focal length of the camera is

A. 300 mm
B. 3 m
C. 300 m
D. 300 cm

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937179**

Q.13 When ISO speed is doubled, _____ the amount of light can be used at the same exposure (brightness).

A. Triple
B. ¼
C. Double
D. ½

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937175**

Q.14 _____ have an angle of view closest to the unaided eye

A. Wide lens
B. Standard lens
C. Macro lens
D. Telephoto lens

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937152**

Q.15 In the printing technology, the resolution is defined by

A. PPI
B. DPI
C. Sensitivity
D. Dynamic range

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937144**

Q.16 Which shutter speed is suitable for low light photography

A. Faster shutter speed

B. Medium shutter speed

C. Slower shutter speed

D. Close to maximum value

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937155**

Q.17 In Digital camera, how many F-stop numbers are there from F/1.4 to F/16 inclusive of both

A. 5

B. 8

C. 6

D. 7

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937123**

Q.18 The three components that determine the exposure are

A. Shutter speed, Aperture value and Optical centre

B. Shutter speed, Aperture value and ISO speed

C. Shutter speed, Focal point and Focal centre

D. Shutter speed, Aperture value and Size of the object

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937163**

Q.19 Perceived colours using hue are called

A. White

B. Acrolithic colours

C. Black

D. Chromatic colours

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937136**

Q.20 _____ is used to adjust the brightness and contrast for JPEG and TIFF images.

A. White balance

B. Color adjustment tool palette

C. Lens correction tool palette

D. Tone adjustment tool palette

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937177**

Q.21 _____ ensures that the light hitting a subject directly with a flash that causes shadows, is soft overall.

A. IRIS

B. View finder

C. Lens

D. Diffuser

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937173**

Q.22 Area which deals the colours is

A. Photography

B. Image Processing

C. Videography

D. Colorimetry

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937180**

Q.23 _____ shot in film making shows the environment around the subjects.

A. Close up

B. Italian

C. Establishment

D. Medium

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937148**

Q.24 Which F-stop will produce the narrow depth of field?

A. f/1.4

B. f/2

C. f/4

D. f/8

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937164**

Q.25

_____ are added to the upper surface of an Image sensor to increase the performance of the pixel

A. Micro lens array
B. One more pixel is added
C. IRIS
D. Meta materials

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937131**

Q.26

Longer focal lengths lenses are called

A. Wide lens
B. Macro lens
C. Telephoto lens
D. Fish eye lens

Ans
✘ 1. A
✘ 2. B
✔ 3. C
✘ 4. D

Question ID : **5834937116**

Q.27

The purpose of IRIS in the camera is

A. To control the amount of light entering into the camera
B. To protect the lens from damages
C. To control the duration of light entering into the camera
D. To reduce the luminous intensity of light

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937122**

Q.28 Mixture of Blue and Green produces

A. Cyan

B. White

C. Black

D. Red

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937139**

Q.29 In the shutter priority mode, the camera

A. Automatically adjust the shutter speed

B. Automatically adjust the aperture setting

C. Automatically adjust the filter number

D. Automatically adjust the focal length

Ans
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937156**

Q.30 Full frame sensor size is

A. 23 x 15 mm

B. 28x 19 mm

C. 17 x 13 mm

D. 36 x 24 mm

Ans
✘ 1. A
✘ 2. B
✘ 3. C
✔ 4. D

Question ID : **5834937126**

Q.31 The problem of an image caused by reflecting colour from a person's eyes due to camera's electronic flash is called

A. Grey eye
B. Red eye
C. Black eye
D. Distortion

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937165**

Q.32 The color temperature of standard incandescent lamps is

A. 2400 K
B. 100 K
C. 5000 K
D. 6000 K

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937129**

Q.33 Cutting out the subject when shooting is called

A. Guiding
B. Framing
C. Trimming
D. Freezing

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937145**

Q.34 Which lens give the wide angle of view

A. 35 mm

B. 50 mm

C. 85 mm

D. 5mm

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937113**

Q.35 The granularity of the negative increases, the grains in print will be _____

A. Decreases

B. Nil

C. Close to minimum

D. Increases

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937107**

Q.36 Source of Luminous intensity I at a distance d from a surface at an angle θ, then illumination E on the surface is given by

A. $E = d\,(Cos\,\theta)/I$

B. $E = I/\,(Cos\,\theta)/d$

C. $E = I^2\,(Cos\,\theta)/d^2$

D. $E = \mathrm{I}(Cos\,\theta)/d^2$

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937133**

Q.37 When all the wavelength of visible Electromagnetic spectrum absorbed by object, one can see

A. White color
B. Black color
C. Grey color
D. Orange

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937110**

Q.38 No of bits used for pixel value of Image sensor is called

A. Bytes
B. Bit depth
C. CCD
D. CMOS

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937170**

Q.39 If human eye cannot see far away, _____ lens will be used

A. Negative focus
B. Positive focus
C. Both negative and positive focus
D. Zero focus

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937108**

Q.40 The Aspect Ratio (AR) of display is given by

A. Height: Width

B. Width: Height

C. Width: Diagonal

D. Height: Diagonal

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937168**

Q.41 In camera setting 1/2000 setting is represented for

A. Shutter speed

B. F-Number

C. Inverse of focal length

D. Camera sensitivity

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937120**

Q.42 The color temperature of day light is

A. 1200 K

B. 3200 K

C. 8100 K

D. 5600 K

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937137**

Q.43 Black balance function possess under the conditions of

A. IRIS fully open condition

B. IRIS close condition

C. Fast shutter speed

D. Slow shutter speed

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937125**

Q.44

Depth of field for higher F-Number is

A. Wide

B. Narrow

C. No effect

D. Continuously varies

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937112**

Q.45 Wavelength reaching to the image sensor can be altered by

A. Lens

B. IRIS

C. Optical filters using over the lens

D. Shutter speed

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937111**

Q.46 CCD Stands for

A. Color Coded Data

B. Custom Color Descriptor

C. Croma Calculation Device

D. Charge Coupled Device

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937169**

Q.47 Zoom ratio is the ratio between

A. Longest focal length to the shortest focal length of the lens

B. Shortest focal length to the Longest focal length of the lens

C. Ration of maximum luminous intensity to the lowest luminous intensity

D. Ratio of focal length to sensor length

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937151**

Q.48 Purity or Intensity of colour is defined by

A. Value

B. Chroma

C. Speed

D. Wavelength

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937143**

Q.49 The general purpose data format JPEG is with _____ extension.

A. .doc
B. .jpg
C. .xls
D. .mpeg

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937174**

Q.50 Additive color systems of display use the following colors:

A. Cyan, Magenta, Blue
B. Red, Green, Blue
C. White, Black, Gray
D. Yellow, White, Blue

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937172**

Q.51 Bayer Filters are used in

A. Lens
B. View finder
C. Image sensors
D. Audio systems

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937159**

Q.52

Over exposed negative yield print of

A. High granularity

B. Less granularity

C. Normal Image

D. Zero granularity image

Ans
✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937138**

Q.53

_____ is a photometer incorporated with a telescope to measure the reading of faraway subject from the camera position.

A. Binoculars
B. Telephoto meter
C. Kaleidoscope
D. Periscope

Ans
✘ 1. A
✔ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937147**

Q.54

F-Number is equal to

A. Aperture diameter/Focal length

B. Shutter speed / Sensor Width

C. Focal length /Aperture diameter

D. Shutter speed /Focal length

Ans
✘ 1. A
✘ 2. B
✔ 3. C
✘ 4. D

Question ID : **5834937160**

Q.55 Point at which all parallel rays of optical axis converged in a point is called

A. Optical centre

B. Image Point

C. Focal point

D. Vertex

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937102**

Q.56 T-Number of a lens is equal to

A. F-Number/√Transmittance

B. F-Number/ (10 x √Transmittance)

C. 10 x F-Number/√Transmittance

D. 10 x √Transmittance / F-Number

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937115**

Q.57 Guide Number is equal to

A. F-Number x Flash to subject distance

B. Focal length x Flash to subject distance

C. F- Number x Focal length

D. F-Number x Shutter speed

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937127**

Q.58 What is the best magnification for macrophotography?

A. 1:1

B. 1:4

C. 1:12

D. 1:2

Ans ✔ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Question ID : **5834937161**

Q.59 In camera lens aperture is specified by

A. Sensor size

B. Sensor width

C. Sensor length

D. F-Number

Ans ✗ 1. A

✗ 2. B

✗ 3. C

✔ 4. D

Question ID : **5834937153**

Q.60 In camera, Lowest F-number has

A. Lower IRIS opening

B. Bigger IRIS opening

C. More shutter speeds

D. Less shutter speeds

Ans ✗ 1. A

✔ 2. B

✗ 3. C

✗ 4. D

Question ID : **5834937181**

Q.61

In camera _____is used to measure the light.

A. IRIS

B. Charge Coupled Device

C. Light meter

D. CMOS

Ans

✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

Question ID : **5834937118**

Q.62

Trimming means cutting out the subject in the _____.

A. Printing

B. Shooting

C. Recorded images

D. None of the above

Ans

✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

Question ID : **5834937150**

Q.63

The gray level of a pixel 255 of 8-bit image represents

A. Black

B. Ultra violet

C. White

D. Infra-red

Ans

✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

Question ID : **5834937178**

Q.64 Focal Length is determined by

A. Lens curvature

B. Lens thickness

C. Refractive Index of lens

D. All the above

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937104**

Q.65 Which camera is not having optical view finder?

A. SLR

B. DSLR

C. Mirrorless

D. None of the above

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937132**

Q.66 _____ color is called cool color

A. White

B. Blue

C. Red

D. Black

Ans
✗ 1. A
✓ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937134**

Q.67 The process of removing redundancy data in the image data is called

A. Compression
B. Quantization
C. A/D conversion
D. Modulation

Ans ✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937140**

Q.68 "Rule of thirds" says that the image should be imagined as partitioned into

A. 9 equal parts by two equally spaced horizontal lines and two equally spaced vertical lines
B. 16 equal parts by three equally spaced horizontal lines and three equally spaced vertical lines
C. 3 equal parts by two equally spaced horizontal lines
D. 3 equal parts by two equally spaced vertical lines

Ans ✔ 1. A
✘ 2. B
✘ 3. C
✘ 4. D

Question ID : **5834937167**

Q.69 When light enters through air into denser medium its speed

A. Increases
B. Remains the same
C. Oscillates
D. Reduces

Ans ✘ 1. A
✘ 2. B
✘ 3. C
✔ 4. D

Question ID : **5834937103**

Q.70 Lens used for landscape images

A. Normal angle

B. Long angle

C. Wide angle

D. Fish eye lenses

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937142**

Q.71 _____ filter is a colour filter used in 3 sensors colour camera.

A. Dichroic

B. Digital

C. Analog

D. RF

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937176**

Q.72 If the distance between camera and subject is u, F-Number is N, Circle of confusion is c, lens focal length is f, then the depth of field is

A. $(2 \times N \times c)/ (u \times f^2)$

B. $(2 \times c)/ (N \times u \times f^2)$

C. $(2 \times u^2 \times N \times c)/ f^2$

D. $(2 \times u^2 \times c)/ (N \times f^2)$

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937124**

Q.73 Equivalent F-Number of human eye is

A. 2.8

B. 1.4

C. 4

D. 8

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Question ID : **5834937166**

Q.74 Digital camera images are digital data files, which are to store and manipulate using

A. Dark rooms

B. Silver halide

C. Safelights and enlargers

D. Image processing software

Ans ✘ 1. A

✘ 2. B

✘ 3. C

✔ 4. D

Question ID : **5834937121**

Q.75 PAL stands for

A. Phase Alternate Line

B. Picture Alternate Line

C. Photo Alternate Line

D. Phase Alternate Light

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Question ID : **5834937171**

Q.76 Mirrorless camera does not have

A. View finder

B. Lens

C. Sensor

D. Pentaprism

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Question ID : **5834937158**

Q.77 _____ refers to the scope of colour that can be reproduced by imaging equipment.

A. Black space

B. White space

C. Colour space

D. Neutral space

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937162**

Q.78 The parameter that does not affect the depth of field is

A. Focal length of lens

B. Camera to object distance

C. Shutter speed

D. Aperture

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Question ID : **5834937128**

Q.79 The effective diameter of the lens aperture for 10mm focal length lens and F-Number 1.4 is

A. 7.14 mm

B. 14 mm

C. 8.6 mm

D. 11.4 mm

Ans
✓ 1. A
✗ 2. B
✗ 3. C
✗ 4. D

Question ID : **5834937130**

Q.80 The space Infront of a laterally moving object is called

A. Lead room

B. Head room

C. Top room

D. Front room

Ans

✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Question ID : **5834937141**