

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Fifth Semester)

Branch – VISUAL COMMUNICATION(ELECTRONIC MEDIA)

CINEMATOGRAPHY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

- 1 What does SMPE stand for?
(i) Society of Motion Photo Editors (ii) Society of Motion Picture Engineers
(iii) Still of Motion Photo Engineers (iv) Stream of Moving Photo Engineers
- 2 Name the rotating disc in a film camera which allows light to pass to the aperture for exposure.
(i) The claw (ii) The film gate
(iii) The loop (iv) The shutter
- 3 Identify the aspect ratio of widescreen in modern cinema.
(i) 1.37:1 (ii) 2.66:1
(iii) 1.85:1 (iv) 1.33:1
- 4 Who is the developer of THX sound system?
(i) Tomlinson Holman (ii) Steven Spielberg
(iii) James Cameron (iv) Stanley Kubrick
- 5 Which among the following is not a C in the 5Cs of Cinematography?
(i) Continuity (ii) Colour
(iii) Close-ups (iv) Composition
- 6 Name the term which denotes the number of pixels an image contains.
(i) Noise (ii) Luminance
(iii) Resolution (iv) Gamma
- 7 Depth of field depends on which of the following?
(i) Lens opening (ii) Distance from the lens to the subject
(iii) Focal length of the lens (iv) All of the above
- 8 Name the camera stabilizing system used to capture tracking shots with motion picture cameras.
(i) Helicam (ii) Handheld rig
(iii) Steadicam (iv) Camera Dolly
- 9 What is the non-SI unit of light intensity?
(i) Candela (ii) Kelvin
(iii) Ampere (iv) Foot-candle
- 10 Indicate the term which refers to the ratio of the intensity of key and fill lights to fill light alone.
(i) Lighting ratio (ii) Light piping
(iii) Three point lighting (iv) Light intensity

Cont...

SECTION - B (25 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

- 11 a Explain the role of turret lenses and viewfinders.
OR
b Bring out the significance of preview monitors in cinematography.
- 12 a Describe the application of immersive sound in films.
OR
b Classify film-based motion picture cameras used in the industry.
- 13 a State the application of digital cinema technology.
OR
b Analyze the purpose of DCI (Digital Cinema Initiatives).
- 14 a Outline the meaning of crop factor in cinematography.
OR
b Summarize the types of camera rigs used in cinematography.
- 15 a Narrate the prominence of lighting in cinematography.
OR
b How does direction and intensity of light play a role while filming a shot?

SECTION -C (40 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

- 16 a Discuss the evolution of cinematography during the various era of cinema.
OR
b Summarize the operational features and functions of a motion picture camera.
- 17 a Analyze the various aspect ratio available in cinematic cameras.
OR
b Enumerate the types of surround sound technology used in films.
- 18 a Elucidate the 5 C's of cinematography.
OR
b Differentiate film camera from digital camera highlighting its functions.
- 19 a Classify the types of cinematic lenses based on its functions.
OR
b Examine the special effects which can be created using camera lenses.
- 20 a Outline the lighting devices and accessories used in cinematography.
OR
b Discuss the indoor and outdoor lighting techniques used in cinematography.

Z-Z-Z

END