

SECOND SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2017**Multimedia****SDC 2MM 06—PHOTOGRAPHY AND VISUAL EFFECTS****Time : Three Hours****Maximum : 80 Marks****Part A***Answer the following in a word/sentence.**1 mark each.*

1. What is 'chiaroscuro' ?
 - (a) A lens aberration.
 - (b) A light and shade effect.
 - (c) Warped negative film.
2. What temperature should colour film be developed at ?
 - (a) 95 degrees Celsius.
 - (b) 100 degrees Celsius.
 - (c) 105 degrees Celsius.
3. "Bright field" is associated with :
 - (a) Photomicrography.
 - (b) Lens flare.
 - (c) Focusing screens.
4. Daylight colour film is balanced for light at :
 - (a) 3200 K.
 - (b) 3400 K.
 - (c) 5400 K.
5. Circles of confusion are most prominent in :
 - (a) Mirror lens.
 - (b) Zoom lens.
 - (c) Fisheye lens.
6. Magenta is a combination of :
 - (a) Red and blue light.
 - (b) Red and green light.
 - (c) Blue and green light.

Turn over

7. Panchromatic film is sensitive to :
- (a) All light.
 - (b) All light bar red.
 - (c) All light bar green.
8. Panning is a method of :
- (a) Transferring prints between developer trays.
 - (b) Producing a sharp subject against a blurred background.
 - (c) Photo-montaging images.
9. Panoramic cameras can cover an angle of view of :
- (a) 180 degrees.
 - (b) 270 degrees.
 - (c) 360 degrees.
10. Photograms are photos produced without a camera :
- (a) True.
 - (b) False.
 - (c) Both.

(10 × 1 = 10 marks)

Part B

*Give short answers to any **eight** of the following.
2 marks each.*

- 11. How we can Freeze a Movement in a still picture ?
- 12. What do you mean by 'Exposure' ?
- 13. Explain 'Depth of Field'.
- 14. What are the major types of lenses used in still photography ?
- 15. Explain 'Colour Temperature'.
- 16. Explain Flash mode.
- 17. How we can use varying ISO forgetting more depth ?
- 18. Differentiate between Hard and Soft light.
- 19. Different types of composition.
- 20. What is Live Action ?

21. Explain 'Levels and Curves' in digital photo editing.
22. What is the role of 'Aperture' in still photography ?

(8 × 2 = 16 marks)

Part C

*Give paragraph answers to any **six** of the following.
4 marks each.*

23. What is the difference between Fixed Focal Length and Variable Focal Length lenses ?
24. Explain the new trends in present day Wedding Photography ?
25. Explain colour difference in relation to Shutter Speed.
26. Explain Available Light and Artificial Light.
27. How can we explain 'Shallow Depth of Field' and 'Increased Depth of Field' ?
28. Explain 'Symmetry', 'Order', 'Balance' and 'Unity' in photographic compositions.
29. Explain Light and Shadows in photography.
30. Define Rule of Third and its importance in Photography.
31. What are the different 'Light Metering Systems' ?

(6 × 4 = 24 marks)

Part D

*Write long essays to any **two** of the following.
15 marks each.*

32. What is the difference between Analogue Photography and Digital Photography ?
33. What are the basic image editing tools in Adobe Photoshop ?
34. Explain Visual effects tool and advanced functions.
35. Explain the relationship between Light, Shutter Speed, Aperture and ISO in photography.

(2 × 15 = 30 marks)