

SYBMM

TIME : 2 hrs.

March '09

CALCIFEROL

Print prod' & photography
MARKS : 50

Note : Attach Question paper to Answer paper.

- Q.1 a) What is electromagnetic spectrum? 03
OR
- Q.1 b) Name the primary colours of light. 03
- Q.2 a) Colour temperature is measured in 01
OR
- Q.2 b) Range of visible spectrum is 01
- Q.3 a) Daylight films are balanced to give natural results in which light? 01
OR
- Q.3 b) Which setting in a digital camera will give you a natural rendition of colours? 01
- Q.4 a) A basic convex lens enlarges an object. True / false. 01
OR
- Q.4 b) A Telephoto lens enlarges an object True / False. 01
- Q.5 a) Images formed on the surface of the chip in a digital camera, are upside down. True / false. 01
OR
- Q.5 b) What is emulsion? 01
- Q.6 a) What is resolution 01
OR
- Q.6 b) What is the difference between refraction & reflection? 01
- Q.7 a) What is a 'film', or a photosensitive material? Explain in 5 to 7 lines 04
OR
- Q.7 b) Aperture & shutter speed are the two main ways to control light reaching the film / chip (in a digital camera) Explain in 5 to 7 lines 04
- Q.8 a) Warm colour balance produces a yellow tinge in a picture. True / false. 01
OR
- Q.8 b) What is an enlarger? 01
- Q.9 a) What is the difference between colour negative film and colour positive (slide / transparency) film? 01
OR
- Q.9 b) What is composition? 01
- Q.10 a) What is a low key picture? 01
OR
- Q.10 b) What is a 'Key light'? 01
- Q.11 a) C-41 is the designation given to chemicals which develops (tick mark correct option) colour negative film / Slide film 01
OR
- Q.11 b) E-6 is the designation given to chemicals which develops (tick mark correct option) colour negative film / Slide film 01

- Q.13 a) Highest quality picture on a digital camera can be captured when we select the file format setting to - 1) RAW 2) JPEG (tick mark correct option) 01
- OR**
- Q.13 b) World's first 'printing' (print production') work was done during the time period 01
- Q.14 a) World's oldest newspaper was published in the year 01
- OR**
- Q.14 b) Offset printing is the newest technology in print production. True / false. 01
- Q. 15 a) Digital printing is the newest technology in print production. True / false. 01
- OR**
- Q.15 b) Write full form of 'DTP' 01
- Q.16 a) Laser printer is a commonly used as an output device in DTP. True / false. 02
- OR**
- Q.16 b) Describe 'Page layout concepts' in one line. 02
- Q.17 a) A 1200 DPI image is better than a 300 DPI image. True / false 01
- OR**
- Q.17 b) Describe 'Halftone' in oneline..... 01
- Q.18 a) Describe 'Software Drivers'. 01
- OR**
- Q.18 b) Higher resolution image produces a larger file size. True / false. 01
- Q.19 a) One Kilobyte image consists of 1024 bytes of computer space / memory / hard disk, etc. True / false. 01
- OR**
- Q.19 b) There are 8 bits in a byte. True / false. 01
- Q.20 a) Write full form of MIPS. 02
- OR**
- Q.20 b) 'Million Instructions Per Second' is a speed, at which computer can process a programme sequence. True / false. 02
- Q.21 a) Medium Format / 120 format camera uses film of this size. (tick mark correct option) 01
 1] 35 mm 2] 120 mm 3] 5" x 4" 4] 110 size
- OR**
- Q.21 b) Smaller the negative better the quality (tick mark correct option) 01
 1] True 2] False 3] None of above
- Q.22 a) Frame size of a 35mm negative is (tick mark correct option) 02
 1] 60 x 90 mm 2] 60 x 60 mm 3] 4" x 5"
 4] 60 x 45 mm 5] 15 x 23 mm
- OR**
- Q.22 b) Wide angle lenses are used for photography of (tick mark correct option) 02
 1] Beautiful Portraits
 2] Architectural
 3] Functions, Weddings, etc.
 4] Landscapes

- Q.23 a) Which film will need least amount of light - (tick mark correct option) 01
1] 3200 2] 25 3] 640
4] 800 5] 64 6] 200 7] None of these

OR

- Q.23 b) The light meter in a camera, does the duty of (tick mark correct option) 01
1] Indicating focus is correct or not
2] Indicates which film the camera is loaded with
3] Advancing film
4] No such meter exists in a camera.
5] Indicates how much light will fall on film.
6] None of above.

- Q.24 a) Flash synchronisation speed is dependent on (tick mark correct option) 01
1] Flash model 2] Camera model

OR

- Q.24 b) 'B' setting is used for (tick mark correct option) 01
1] No such setting is available 2] Long exposures
3] Landscapes

- Q.25 a) Correct exposure suggested by camera, is f/ 16, and 1/500. 02
Now we want to increase light by 3 stops.
What aperture or shutter speed should be used? (tick mark correct option)
1] f/5.6 2] f/ 22 3] f /11 4] 1/60
5] 1/4000 6] 1/60 7] 1/1000

OR

- Q.25 b) 'Depth of field' depends upon (tick mark correct option) 02
1] Aperture 2] Lens focal length
3] Camera object distance 4] Object to background distance.

- Q.26 a) Lower the film speed setting (in a digital camera) higher the picture quality. 04
True / false. Explain why, in 8 to 10 lines.

OR

- Q.26 b) Explain the terms 'Correct exposure', Under exposure', and 'Over exposure' 04
in 8 to 10 lines.

- Q.27 a) Explain backdrop in not more than 5 lines 03

OR

- Q.27 b) Explain 'halftone' in not more than 5 lines 03

- Q.28 a) Explain camera's and lens' and any six important parts and their functions 09

OR

- Q.28 b) Explain any six lenses / accessories / camera functions along with their effects. 09