



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/BMS (H)/SEM-6/MMS-601F/2013  
2013**

**PHOTOGRAPHY ( Specialisation )**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP - A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) Horizontal axis movement of a camera on a fixed tripod is called
- |          |          |
|----------|----------|
| a) Pan   | b) Tilt  |
| c) Dolly | d) Zoom. |
- ii) 'Depth of field' is not directly dependent on
- |                       |
|-----------------------|
| a) focal length       |
| b) aperture           |
| c) film size / format |
| d) subject distance.  |



- iii) Ultra wide-angle lenses, also known as fish-eye lenses, cover up to
  - a)  $100^{\circ}$
  - b)  $80^{\circ}$
  - c)  $10^{\circ}$
  - d)  $180^{\circ}$ .
  
- iv) One of the lights used in the time of developing in the darkroom as a safe light is
  - a) Red / Orange
  - b) Blue
  - c) Yellow
  - d) Green.
  
- v) In 400 ISO if the exposure value is  $1/125$  and  $f8$  then in ISO 200 it is equivalent to
  - a)  $1/125$  &  $f 5.6$
  - b)  $1/250$  &  $f 11$
  - c)  $1/250$  &  $f 16$
  - d) none of these.
  
- vi) ..... after development is called a transparency.
  - a) Colour reversal film
  - b) B & W photograph
  - c) Negative film
  - d) None of these.
  
- vii) CCU or Camera Control Unit is to be remotely controlled
  - a) Focus
  - b) Exposure
  - c) Computer
  - d) None of these.
  
- viii) At 10 mm, lenses provide the angle of view of a 15 mm lens on a full-frame camera when the crop factor is
  - a) 1.5
  - b) 1.6
  - c) 1.7
  - d) none of these.



- ix) The size of sensor of a 'Full Frame' digital SLR camera is
- 24.6 × 16.5 mm
  - 36 × 24 mm
  - 16 × 9 mm
  - 23.5 × 16.3 mm.
- x) What do you mean by ND filter ?
- Natural Density
  - Natural Depth
  - Neutral Density
  - Normal diaphragm.

**GROUP - B**

**( Short Answer Type Questions )**

Answer any *three* of the following.      3 × 5 = 15

- Briefly discuss zone lighting for video photography.
- Write short notes on any *two* :
  - Colour Temperature
  - Exposure meter
  - f*-number.
- How do you take a picture where there is hardly any light ?
- What is the comparison frame aspect ratio in digital photography ?
- What is 'Guide number' ? How do you determine it ?



**GROUP - C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

7. Discuss with required illustration various forms of composition in still photography.
  8. Discuss the advantages and disadvantages of Digital Photography.
  9. What is Photo Feature ? Write about the role of a photo journalist for making a good photo feature.
  10. Design light for a studio conversation programme where two other guests appear with anchor.
  11. If a sensor is smaller than the full-frame 35 mm film formats, then the field of view is cropped. Explain.
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