

Illumination MCQ Questions and Answers Pdf

1. Fine diameter tungsten wires are made by

- a. turning
- b., swaging
- c. compressing
- d. wire drawing

Ans: D

2. The colour of sodium vapour discharge lamp is

- a. red
- b. pink
- c. yellow
- d. bluish green

Ans: C

3. Carbon arc lamps are commonly used in

- a. photography
- b. cinema projectors
- c. domestic lighting
- d. street lighting

Ans: B

4. The purpose of coating the fluorescent tube from inside with white powder is

- a. to improve its life
- b. to improve the appearance
- c. to change the colour of light emitted to white
- d. to increase the light radiations due to secondary emissions

Ans: D

5. ____ will need lowest level of illumination.

- a. auditoriums
- b. railway platform
- c. displays
- d. fine engravings

Ans: B

6. Which of the following instruments is used for the comparison of candle powers of different sources?

- a. R radiometer
- b. Bunsen meter
- c. photometer
- d. candle meter

Ans: C

7. In the fluorescent tube circuit the function of choke is primarily to

- a. reduce the flicker
- b. minimise the starting surge
- c. initiate the arc and stabilize it
- d. reduce the starting current

Ans: C

8. The function of capacitor across the supply to the fluorescent tube is primarily to

- a. stabilize the arc
- b. reduce the starting current
- c. improve the supply power factor
- d. reduce the noise

Ans: C

9.. Most affected parameter of a filament lamp due to voltage change is

- a. wattage
- b. life
- c. luminous efficiency
- d. light output

Ans: B

10. In electric discharge lamps for stabilizing the arc

- a. a reactive choke is connected in series with the supply
- b. a condenser is connected in series to the supply
- c. a condenser is connected in parallel to the supply
- d. a variable resistor is connected in the circuit

Ans: A