

Illumination Quiz Questions and Answers Pdf

1. Luminous flux is
- the light energy radiated by sun
 - the part of light energy, radiated by sun, which is received on the earth
 - the rate of energy radiation in the form of light waves
 - none of the above

Ans: C

2. The vapour discharge tube used for domestic lighting has
- no filament
 - one filament
 - two filaments
 - three filaments

Ans: C

3. Stroboscopic effect due to use of discharge lamps in workshops results in moving machinery appearing
- stationary
 - stationary running slow
 - stationary running in reverse direction
 - all of the above

Ans: D

4. Which of the following is present inside the fluorescent tube?
- argon and neon
 - argon and CO₂
 - mercury vapour
 - helium and oxygen

Ans: C

5. Sky appears blue because of
- refraction
 - reflection
 - radiation
 - scattering of light over dust particles

Ans: D

6. Reflectors are provided with slits at the top of
- introduce chimney effect for cleaning
 - reduce colour contrast
 - reduce heating effect
 - do all of the above functions

Ans: D

7. In fluorescent tubes ballast resistance is connected in series with the choke

- a. to reduce stroboscopic effects
- b. when tube operates on D.C. supply
- c. when supply frequency is low
- d. to reduce radio interference

Ans: B

8. When a fluorescent lamp is to be operated on D.C. which of the following additional devices must be incorporated in the circuit?

- a. Inductance
- b. transformer
- c. resistance
- d. condenser

Ans: C

9. The level of illumination on a surface least depends on

- a. ambient temperature
- b, candle power of the source
- c. distance of the source
- d. type of reflector used

Ans: A

10. Carbon arc lamps are commonly used in

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

Ans: B

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