ILLUMINATION ELECTRIFICATION B (IEB)

Ques.1. The Radiant Efficiency Of The Luminous Source Depends On

1. The Shape Of The Source
2. The Temperature Of The Source
3. The Wavelength Of The Light Rays
4. All Of The Above
5.

Answer.2. The Temperature Of The Source

Ques.2. Lightwave Travel With A Velocity Of

1. 3×10^{10} Cm/S
2. 3×10^{12} Cm/S
3. 3×10^{15} Cm/S
4. 3×10^{18} Cm/S

Hide Explanation

Answer.1. 3×10^{10} Cm/S

Ques.3. Carbon Arc Lamps Are Commonly Used In

1. Domestic Lighting
2. Street Lighting
3. Cinema Projector
4. Photography

Answer.3. Cinema Projector

Ques.4. The Unit Of Solid Angle Is

1. Solid Angle
2. Radian
3. Steradian
4. Candela

Hide Explanation

Answer.1. Solid Angle

Explanation:-

Ques.5. Candela Is The Unit Of

1. Luminous Flux
2. Luminous Intensity
3. Wavelength
4. None Of The Above

Hide Explanation

Answer.2. Luminous Intensity

Ques.6. The Unit Of Luminous Flux Is

1. Steradian
2. Candela
3. Lumen
4. Lux

Hide Explanation
Answer.3. Lumen

Ques.7. The Illumination Is Directly Proportional To The Cosine Of The Angle Made By The Normal To The Illuminated Surface With The Direction Of The Incident Flux. Above Statement Is Associated With

1. Planck's Law
2. Macbeth's Law Of Illumination
3. Bunsen's Law Of Illumination
4. Lambert's Cosine Law

Answer.4. Lambert's Cosine Law

Ques.8. Which Curve Represents The Life Of The Lamp?

1. Curve A
2. Curve B
3. Curve C
4. Curve D

Ques.9. Illumination Level Required For Precision Work Is Around

1. 50 Lm/M^2
2. 100 Lm/M^2
3. 200 Lm/M^2
4. 500 Lm/M^2

Hide Explanation
Answer.4. 500 Lm/M^2

Explanation:-

Ques.10. Which Of The Following Will Needs The Highest Level Of Illumination?

1. Proofreading
2. Bed Room
3. Hospital Wards
4. Railway Platforms

Hide Explanation

Answer.1. Proofreading

Ques.11. Which Of The Following Will Need The Lowest Level Of Illumination?

1. Displays
2. Fine Engraving
3. Railway Platform
4. Auditorium

Hide Explanation

Answer.3. Railway Platform

Explanation:-

Ques.12. Which Of The Following Lamps Gives Nearly Monochromatic Light?

1. Sodium Vapor Lamp
2. GLS Lamp
3. Tube Light
4. Mercury Vapor Lamp

Hide Explanation
Answer.1. Sodium Vapor Lamp

Ques.13. The Illumination Level In Houses Is In The Range

1. 10-20 Lumens/M^2
2. 30-40 Lumens/M^2
3. 40-75 Lumens/M^2
4. 100-140 Lumens/M^2

Hide Explanation
Answer.4. 100-140 Lumens/M^2
Explanation:-
The Average Illumination Of The House Is 100-150 Lumens/M^2

Ques.14. The Luminous Efficiency Of A Fluorescent Tube Is

1. 5-10 Lumens/Watt
2. 15-20 Lumens/Watt
3. 30-40 Lumens/Watt
4. 60-65 Lumens/Watt

Hide Explanation
Answer.4. 60-65 Lumens/Watt

Ques.15. One Lumen Per Square Meter Is The Same As

1. One Lux
2. One Candela
3. One Foot Candle
4. One Lumen Meter

Hide Explanation

Answer.1. One Lux

Ques.16.The Standard Wattage Of 3ft. Fluorescent Tube Is

1. 10 W
2. 40 W
3. 65 W
4. 100 W

Hide Explanation

Answer.2. 40 Watt

Ques.17. For The Same Wattage Which Lamp Is Cheapest?

1. Sodium Vapor Lamp
2. Mercury Vapor Lamp
3. Fluorescent Tube
4. GLS Lamp

Hide Explanation

Answer.4. GSL Lamp

Ques.18. The Optical Instrument Used For The Comparison Of Candle Power Of Different Sources Are Known As

1. Candle Meters
2. Radiometers
3. Bunsen Meter
4. Photometer

Hide Explanation

Answer.4. Photometer

Ques.19. Which Photometer Is Used For Comparing The Light Of Different Colors?

1. Bunsen Photometer
2. Grease Spot Photometer
3. Lummer Brodhum Photometer
4. Guilds Flicker Photometer

Hide Explanation

Answer.4. Guilds Flicker Photometer

Explanation:-

Flicker Photometer

Ques.20. Which Photometer Is Used For Comparing The Light Of The Same Colors?

1. Bunsen Photometer
2. Guilds Flicker Photometer
3. Both 1 & 2
4. None Of The Above

Hide Explanation

Answer.1. Bunsen Photometer

Ques.21. The Principle Of The Simple Photometer Is Based Upon

1. Inverse Square Law
2. Square Law
3. Inverse Law
4. Lambert Cosine Law

Hide Explanation

Answer.1. Inverse Square Law

Ques.22. Two Electric Bulbs Have Tungsten Filament Of The Same Thickness. If One Of Them Gives 60 W And The Other Gives 100 W, Then

1. 60W And 100 W Lamp Filaments Have Equal Length
2. 60 W Lamp Filament Has Shorter Length
3. 100 W Lamp Filament Has The Longer Length
4. 60 W Lamp Filament Has The Longer Length

Hide Explanation

Answer.4. 60 W Lamp Filament Has The Longer Length

Ques.22. Light Is Produced In Electric Discharge Lamps By

1. Heating Effect Of Current
2. Magnetic Effect Of Current

3. Ionization In A Gas Or Vapor
4. Carbon Electrodes

Hide Explanation

Answer.3. Ionization In A Gas Or Vapor

Ques 23. The Color Of The Light Given Out By A Sodium Vapor Discharge Lamp Is

1. Pink
2. Bluish Green
3. Yellow
4. Blue

Hide Explanation

Answer.3. Yellow

Explanation:-

Ques.24. Lumen/Watt Is The Unit Of

1. Light Flux
2. Luminous Intensity
3. Brightness
4. Luminous Efficiency

Hide Explanation

Answer.4. Luminous Efficiency

Explanation:-

Ques.25. The S.I Unit Of Luminance Is

1. Candela
2. Lux
3. Candela/M^2
4. M^2/Candela

Hide Explanation

Answer.3. Candela/M^2

Ques.26. Which Gas Is Sometimes Used In Filament Lamps?

1. Argon
2. Krypton
3. Nitrogen
4. Carbon Dioxide

Hide Explanation

Answer.1. Argon

Lamps And Cost More.

Ques.27. Which Bulb Operated On The Lowest Power?

1. Night Bulb
2. Neon Bulb
3. GLS Bulb
4. Torch Bulb

Hide Explanation

Answer.4. Torch Bulb

Ques.28. The Output Of A Tungsten Filament Lamp Depends On

1. Size Of Lamp
2. Size Of Shell
3. Temperature Of Filament
4. All Of The Above

Hide Explanation

Answer.4. Temperature Of Filament

Ques.29. A Zero Watt Lamp Consumes

1. No Power
2. About 5 To 7 W Power
3. About 15 To 20 W Power
4. About 25 To 30 W Power

Hide Explanation

Answer.2. About 5 To 7 W Power

Explanation:-

Ques.30. Melting Temperature Of Tungsten Is

1. 2000° K
2. 2500° K
3. 2655° K
4. 3655° K

Hide Explanation

Answer.2. 3655° K

Ques.31. The Life Of The Incandescent Lamp Is Expected To Be

1. 100 Hours
2. 200 Hours
3. 1000 Hours
4. 10000 Hours

Hide Explanation

Answer.3. 1000 Hours

Ques.32. The Source Of Illumination For A Cinema Projector Is

1. Incandescent Lamp
2. Mercury Vapour Lamp
3. Sodium Lamp
4. Carbon Arc Lamp

Hide Explanation

Answer.4. Carbon Arc Lamp

Ques.33. In The Case Of Frosted GLS Lamps, The Frosting Of The Shell Is Done By

1. Ozone
2. Ammonia
3. Acid Etching
4. Saltwater

Hide Explanation

Answer.3. Acid Etching

Ques.34. Nitrogen Or Argon Is Filled In GLS Lamps To

1. Reduce The Glare
2. Improve Efficiency
3. Change The Color Of Light
4. Retard Evaporation Of Tungsten Filament

Hide Explanation

Answer.4. Retard Evaporation Of Tungsten Filament

Ques.35. Which Of The Following Lamp Has The Least Capacity To Sustain Voltage Fluctuations?

1. Sodium Vapor Lamp
2. Fluorescent Lamp
3. Incandescent Lamp
4. Mercury Vapor Lamp.

Hide Explanation

Answer.3. Incandescent Lamp

Ques.36. The Light Output Of GLS Lamps Is Normally In The Range

1. 10 To 18 Lumens/Watt
2. 50 To 80 Lumens/Watt
3. 100 To 180 Lumens/Watt
4. 200 To 300 Lumens/Watt

Hide Explanation

Answer.1. 10 To 18 Lumens/Watt

Ques.37. In Neon Signs, Argon Gas Is Used For

1. Yellow Color
2. Blue Color
3. Red Color
4. Green Color

Hide Explanation

Answer.2. Blue

Ques.38. Glare May Result From

1. Excessive Lighting Contrast In The Field Of Vision
2. Excessive Luminance
3. Either Of (A) Or (B) Above
4. None Of The Above

Hide Explanation

Answer.3. Either Of (A) Or (B) Above

Explanation:-

Ques.39. In Neon Signs, Neon With A Mixture Of Mercury Gives

1. Green Color
2. Blue Color
3. Red Color

4. Yellow Color

Hide Explanation

Answer.3. Red Color

Explanation:-

Ques.40. The Electrodes Of Neon Tubes Work At

1. Very Low Temperatures
2. Ordinary Voltages
3. 400 To 440 Volts
4. 2000 To 6000 Volts

Hide Explanation

Answer.4. 2000 To 6000 Volts

Ques.41. If The Equation For C And V Is $C = Av^{B}$ Where C = Candlepower And V = Voltage, The Value Of Constant B Is

1. 4.5
2. 0.98 X $L0^{-9}$
3. 0.98 X 10^{-6}
4. 450

Hide Explanation

Answer.1. 4.5

Ques.42. The Value Of Constant “A” Is

1. 0.98 X 10^{-9}

2. 0.98×10^{-7}
3. 0.98×10^{-5}
4. 0.98×10^{-3}

Hide Explanation

Answer.1. 0.98×10^{-9}

9

Ques.43. The Change In Candle Power Per Volt At 250 V Will Be

1. 1.1 V
2. 4.4 V
3. 8.8 V
4. 17.6 V

Hide Explanation

Answer.1. 1.1 V

Questions 44 To 46 Refer To Data Given Below:
The 220 V Lamps, One Of 60 W And The Other Of 75 W Are Connected In Series Across A 440 V Supply.

Ques.44. The Potential Difference Across 60 W Lamp Will Be

1. 195 V
2. 220 V
3. 242 V
4. 440 V

Hide Explanation

Answer.3. 242 V

Ques.45. The Potential Difference Across 75-Watt Lamp Will Be

1. 193 V
2. 220 V
3. 245 V
4. 440 V

Hide Explanation

Answer.1. 193 V

Explanation:-

Ques.46. The Essential Requirement Of Good Heating Elements Are

1. High Specific Resistance
2. Free From Oxidation
3. Low-Temperature Coefficient Of Resistance
4. All Of The Above

Hide Explanation

Answer.4. All Of The Above

Questions 47 To 48 Refer To Data Given Below:
A 110 V Lamp 16 C.P. And A Lamp Of The Same Material And Worked At The Same Efficiency Develops 25 CP On 220 V.

Ques.47. The Ratio Of Diameters Of The Filaments Will Be

1. 0.54
2. 1.0
3. 1.18
4. 1.78

Hide Explanation

Answer.3. 1.18

Ques48. The Ratio Of Lengths Of The Filaments Will Be

1. 0.54
2. 1.0
3. 1.18
4. 1.78

Hide Explanation

Answer.1. 0.54

Ques49. Which Of The Following Filament Material Has The Lowest Melting Point?

1. Carbon
2. Tungsten
3. Tantalum
4. Osmium

Hide Explanation

Answer.1. Tantalum

Ques.50. While Comparing Tungsten Filament Lamps With Fluorescent Tubes, All Of The Following Are The Advantages In Favor Of Tungsten Filament Lamp EXCEPT

1. Longer Life
2. Less Costly
3. More Brightness
4. Simple Installation

Hide Explanation

Answer.1. Longer Life

Ques.51. The Operating Characteristics Of An Incandescent Lamp Arc Materially Affected By The Departure From Its Normal Operating Voltage. The Total Number Of Lumens Given Out By The Lamp Increases With The Increase In Operating Voltage And The Relation Between Them Is :

Lumens Output $\propto V^n$

Where N Is A Constant. The Value Of N For Tungsten Varies For

1. 0.5 To 0.75
2. 1.5 To 2.5
3. 4 To 5
4. 8 To 10

Hide Explanation

Answer.3. 4 To 5

Ques.52. In Fluorescent Tubes, Ballast Resistance Is Connected In Series With The Choke

1. When Supply Frequency Is Low
2. To Reduce Radio Interference
3. When Tube Operates On Dc Supply
4. To Reduce Stroboscope Effects

Hide Explanation

Answer.3. When Tube Operates On Dc Supply

Ques.53. Filament Lamps Operate Normally At A Power Factor Of

1. 0.5 Leading
2. 0.5 Lagging
3. Unity
4. 0.8 Lagging

Hide Explanation

Answer.3. Unity

Explanation:-

Ques.54. Which Of The Following Is A Cold Cathode Lamps?

1. Sodium Vapor Lamp
2. High Pressure Mercury Vapor Lamp
3. Low Pressure Mercury Vapor Lamp

4. Neon Lamp

Hide Explanation

Answer.1. Sodium Vapor Lamp

Explanation:-

Ques.55. Neon Gas In Sodium Vapor Lamp

1. Changes The Color Of Light
2. Acts As A Shield Around The Filament
3. Assists In Developing Enough Heat To Vaporize The Sodium
4. Prevents Vaporization Of Filament

Hide Explanation

Answer.1. Assists In Developing Enough Heat To Vaporize The Sodium

Ques.56. The Melting Point Of Carbon Is

1. 1800°C
2. 3500°C
3. 2500°C
4. 5500° C

Hide Explanation

Answer.2. 3500°C

Ques.57. The Level Of Illumination From A 100 W Incandescent Lamp Will Not Increase By

1. Increasing The Supply Voltage

2. Increasing Filament Temperature
3. Increasing Glass Shell Diameter
4. Increasing Glass Shell Length

Hide Explanation

Answer.2. Increasing Filament Temperature

Ques.58. Which Of The Following Material Can Be Used For The Filaments In Incandescent Lamps Is

1. Carbon
2. Tungsten
3. Tantalum
4. Any Of The Above

Hide Explanation

Answer.4. Any Of The Above

Ques.59. The Rate Of Evaporation Of Tungsten Filament In A Lamp Depends On

1. Glass Shell Diameter
2. Exhaust Tube Diameter
3. Vapor Pressure Inside
4. None Of The Above

Hide Explanation

Answer.3. Vapor Pressure Inside

Ques.60. A Lamp Has A Mean Spherical Candle Power Of 25, The Total Flux Of Light From The Lamp Is

1. 25 Lumens
2. 25 Π Lumens
3. 314 Lumens
4. 625 Lumens

Hide Explanation

Answer.3. 314 Lumens

Ques.61. A Gas-Filled Filament Bulbs, The Gas Used Is

1. Oxygen
2. Helium
3. Ozone
4. Nitrogen

Hide Explanation

Answer.4. Nitrogen

Ques.62. According To Lambert's Law, The Illumination On A Surface Is Proportional To

1. $Cos^2 \Theta$
2. $Cos^3\theta$
3. $1/Cos^3\theta$
4. $1/ Cos^2 \Theta$

Hide Explanation

Answer.3. $1/Cos^3\theta$

Ques.63. In A Fluorescent Tube Circuit, Choke Acts As

1. Starter
2. The Power Factor Improving Device
3. Source Of Heat
4. Current Limiting Device

Hide Explanation

Answer.3. Current Limiting Device

Ques.64. Match The Following Column I Column II

Column I	Column II
(A) Luminous Flux	(I) Candela
(B) Luminous Intensity	(Ii) Candle Power × Intensity Solid Angle
(C) Lumen	(Iii) Lumens/Ω Steradian
(D) Candle Power	(Iv) Lumens

1. A-(I), B-(Ii), C-(Iii),D-(Iv)
2. A-(Iv), B-(I), C-(Ii), D-(Iii)
3. A-(I), B-(Iv), C-(Ii), D-(Iii)
4. A – (Iv), B – (Iii), C- (I), D – (Ii)

Hide Explanation
Answer.2. A-(Iv), B-(I), C-(Ii), D-(Iii)

Ques.65. When A Fluorescent Lamp Is To Be Operated On Dc Which Of The Following Additional Device Must Be Incorporated In The Circuit?

1. Condenser
2. Transformer
3. Resistance
4. Inductance

Hide Explanation
Answer.2. Resistance

Ques.66. Luminous Flux Is

1. Rate Of Energy Radiation In The Form Of Light Waves
2. Light Energy Radiated By Sun
3. Part Of Light Energy, Radiated By Sun Which Is Received On Earth
4. None Of The Above

Hide Explanation
Answer.1. Rate Of Energy Radiation In The Form Of Light Waves

Ques.67. For The Same Rating The Amount Of Radiant Heat Produced In Which Of The Following Lamp Is The Least?

1. Fluorescent Lamp
2. Filament Lamp
3. Sodium Vapor Lamp
4. Mercury Vapor Lamp

Hide Explanation

Answer.1. Fluorescent Lamp

Explanation:-

Ques.68. Which Of The Following Lamp Gives Nearly Ultra-Violet Light?

1. Vacuum Type Filament Lamp
2. Nitrogen Filed Filament Lamp
3. Argon Filled Filament Lamp
4. Carbon Arc Lamp

Hide Explanation

Answer.4. Carbon Arc Lamp

Ques.69. The Amount Of Radiant Heat Produced By A Fluorescent Lamp Is Nearly What Percent Of That Of A Filament Lamp Of The Same Rating

1. 80%
2. 60%
3. 40%

4. 20%

Hide Explanation

Answer.4. 40%

Ques.70. Heat From The Filament Of A Lamp Is Transmitted To The Surrounding- Mainly Through

1. Conduction
2. Convection
3. Radiation
4. No Heat Is Transfered

Hide Explanation

Answer.3. Radiation

Ques.71.The Frequency Of Flickers In A Incandescent Lamp At 220 V, 50 Hz Supply Will Be

1. 25 Per Second
2. 50 Per Second
3. 100 Per Second
4. 220 Per Second

Hide Explanation

Answer.4. 100 Per Second

Ques.72. The Level Of Illumination On Surface Least Depends On

1. Candle Power Of The Source
2. Distance Of The Source

3. Type Of Reflector Used
4. Ambient Temperature

Hide Explanation

Answer.4. Ambient Temperature

Ques.73. The Wavelength Of Green Color Is Nearly

1. 4000 A
2. 4500 A
3. 5000 A
4. 5500 A

Hide Explanation

Answer.4. 5500 A

Ques.74. If D Is The Distance Of A Surface From A Source, The Illumination Of The Surface Will Vary As

1. D
2. 2d
3. 1/D
4. $1/D^2$

Hide Explanation

Answer.4. Ambient Temperature

Ques.75. One Angstrom Is

1. 10^{-6} Meter

2. 10^{-8} Meter
3. 10^{-8} Cm
4. 10^{-8} Mm

Hide Explanation

Answer.3. 10^{-8} Cm

Ques.76. Which Of The Following Phosphor Produces The Green Color

1. Zinc Silicate
2. Cadmium Borate
3. Magnesium Tungstate
4. Calcium Halophosphate

Hide Explanation

Answer.1. Zinc Silicate

Ques.77. Which Of The Following Color Has The Wavelength Between Green And Orange Color?

1. Yellow
2. Blue
3. Violet
4. None

Hide Explanation

Answer.1. Yellow

Ques.78. Which Of The, Following Vapors/Gas Will Give Yellow Color In A Filament Lamp?

1. Helium
2. Mercury
3. Sodium
4. Magnesium

Hide Explanation

Answer.3. Sodium

Ques.79. The Eye Is Most Sensitive To The Wavelength Of

1. 5500 A°
2. 7000 A°
3. 6600 A°
4. 4000 A°

Hide Explanation

Answer.1. 5500 A°

Ques.80. Which Of The Following Combination Of Gas Is Filled In The Lamp And The Resulting Color Is Incorrect?

1. Neon-Red
2. Nitrogen-Blue
3. Carbon Dioxide – Daylight White
4. Magnesium-White

Hide Explanation

Answer.1. Magnesium-White

Ques.81. A 60 W Lamp Given A Luminous Flux Of 1500 Lumen. Its Efficiency Is

1. 1500 Lumen/Watt
2. 250 Lumen/Watt
3. 25 Lumen/Watt
4. 2.5 Lumen/Watt

Hide Explanation

Answer.3. 2.5 Lumen/Watt

Ques.82. When Using Ultra-Violet Lamps The Reflector For Maximum Should Be Made Of

1. Aluminum
2. Copper
3. Leaf
4. Glass

Hide Explanation

Answer.1. Aluminum

Ques.83.The Fluroscent Tube Of 30 W Has The Luminous Flux Of

1. 1800 Lumen
2. 14 Lumen
3. 50 Lumen
4. 325 Lumen

Hide Explanation
Answer.1. 1800 Lumen

Ques.84. Which Of The Following Application Does Not Need Ultra-Violet Lamps?

1. Medical Purposes
2. Aircraft Cockpit Dashboard Lighting
3. Car Lighting
4. Blueprint Machines

Hide Explanation
Answer.3. Car Lighting

Ques.85. LED Lamp Have A General Life Expectancy Of

1. 1000 Hrs
2. 5000 Hrs
3. 15000 Hrs
4. 50000 Hrs

Hide Explanation
Answer.4. 50000 Hrs

Ques.86. Sodium Vapor Lamps Need Ionization Potential Of About

1. 5 Volts
2. 50 Volts
3. 100 Volts

4. 112 Volts

Hide Explanation

Answer.1. 5 Volts

Ques.87. The Flicker Effect Of The Fluorescent Lamp Is More Pronounced At

1. Lower Voltages
2. Higher Voltages
3. Lower Frequencies
4. Higher Frequencies

Hide Explanation

Answer.4. Lower Frequencies

Ques.88. When A Sodium Vapor Lamp Is Switched On, Initially The Color Is

1. Pink
2. Yellow
3. Green
4. Blue

Hide Explanation

Answer.1. Pink

Ques.89. In A Mercury Vapor Lamp Light Red Objects Appear Black Due To

1. High Wavelength Of Red Objects

2. Color Mixing
3. Absence Of Red Light From Lamp Radiation
4. Absorption Of Red Light By The Lamp Radiation

Hide Explanation

Answer.3. Absence Of Red Light From Lamp Radiation

Ques.90. Arc Can Be Produced By?

1. AC Current Only
2. DC Current Only
3. Either AC Or DC Current
4. All Option Are Correct

Hide Explanation

Answer.3. Either AC Or DC Current

Ques.91. Semi-Indirect Lightning Scheme Is Used In

1. High Ceiling
2. Work Shop
3. Street Light
4. Decoration Purpose

Hide Explanation

Answer.4. Decoration Purpose

Ques.92. The Efficiency Of The Direct Lightning Scheme Is

1. 40 – 50%
2. 50 – 60%

3. 60 – 80%
4. 80 – 90%

Hide Explanation

Answer.4. 80 – 90%

Ques.93. The Largest Solid Angle Subtended At The Center Of A Hemisphere Of Diameter Will Be

1. 4π
2. 2πd
3. 2π
4. 4πd

Hide Explanation

Answer.1. 4π

Ques.94. The Capacitor Used In Autotransformer Circuit For Sodium Vapor Lamps Is For

1. Protection Against Accidental Power Failure
2. Controlling Illumination Level Of The Lamp
3. For Regulating Discharge Voltage
4. For Improving The Power Factor Of The Circuit

Hide Explanation

Answer.1. For Improving The Power Factor Of The Circuit

Ques.95. Which Of The Following Electric Discharge Lamp Gives The Highest Lumens/Watt

1. Sodium Vapor Lamp
2. Neon Lamp
3. Mercury Lamp At Low Pressure
4. Mercury Vapor At High Pressure

Hide Explanation

Answer.1. Sodium Vapor Lamp

Ques.96. _____ Lamp Is Also Known As Quick Start Or “Instant Start” Fluorescent Tube

1. Sodium Vapor Lamp
2. Startless Fluorescent Lamp
3. Mercury Vapor Lamp
4. Neon Lamp

Hide Explanation

Answer.2. Startless Fluorescent Lamp

Ques.97. Power Factor Is Highest In Case Of

1. Mercury Arc Lamp
2. Sodium Vapor Lamps
3. Tube Lights
4. GLS Lamps

Hide Explanation

Answer.4. GLS

Ques.98. Determine The Power Factor Of 220V, 0.4A, 20W Fluorescent Lamp

1. 0.228
2. 0.438
3. 0.843
4. 0.4038

Hide Explanation

Answer.1. 0.228

Ques.99. The Electrodes Of Neon Tubes Work At

1. Very Low Temperatures
2. 110 – 120 Volts
3. 400 To 440 Volts
4. 2000 To 6000 Volts

Hide Explanation

Answer.2. 110 – 120 Volts

Ques.100. An Object Which Appears Red To The Eyes Absorbs

1. Green Radiations
2. Blue Radiations
3. Both 1 And 2
4. None Of The Above.

Hide Explanation

Answer.3. Both 1 And 2