

Started on Thursday, 23 April 2020, 6:00 PM
State Finished
Completed on Thursday, 23 April 2020, 6:29 PM
Time taken 28 mins 50 secs
Grade 29.00 out of 35.00 (83%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Metal conduits are cheaper than PVC conduits!

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 2

Correct

Mark 2.00 out of 2.00

Flag question

An MBF High Pressure Mercury Lamp

Select one:

- a. has a bad CRI and its light color is blue-green ✓
- b. has a short life time; about 2000 Hours
- c. has a high efficacy, which could reach up to 140Lm/W.
- d. can be mounted within +/- 20 from horizontal

Quiz navigation

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✓	✓	✓	✓	✓	✓	✓	✓
9	10	11	12	13	14	15	16
✓	✓	✓	✓	✓	✓	✓	✓
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✓	✓	✓	✓	✓	✓	✓	✓
25							
✓							

Show one page at a time

Finish review

Question 3

Correct

Mark 2.00 out of 2.00

Flag question

Efficacy is defined as

Select one:

- a. a measure of the flow or amount of light emitted from a source. It is measured in Lumen (Lm).
- b. the loss of light due to collection of dirt and ageing, it should not fall below 0.8. It has no units!
- c. a measure of the amount of light falling on a surface, it is measured in Lux or Lumen/(m-square).
- d. the ratio of Luminous flux to electrical input power; it could be thought of as "efficiency" of a light source. It is measured in Lumen/Watt (Lm/W). ✓

Your answer is correct.

The correct answer is: the ratio of Luminous flux to electrical input power; it could be thought of as "efficiency" of a light source. It is measured in Lumen/Watt (Lm/W).

Question 4

Correct

Mark 1.00 out of 1.00

Flag question

Metal conduits are used in flameproof installations.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 5

Correct

Mark 2.00 out of 2.00

Flag question

A two-way switch

Select one:

- a. has three terminals, with terminal "2" is common ✓
- b. has three terminals, with terminal "1" is common
- c. has 4 terminals
- d. has three terminals, with terminal "3" is common

Your answer is correct.

The correct answer is: has three terminals, with terminal "2" is common

Question 6

Correct

Mark 1.00 out of 1.00

Flag question

Extra low voltage is defined as any voltage less than 600Vac or 900Vdc between the live conductor and earth conductor.

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

2.5mm-square Copper conductors must be protective by a 20A MCB.

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 8

Correct

Mark 1.00 out of 1.00

Flag question

Power sockets fed from the same MCB are connected in series.

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 9

Incorrect

Mark 0.00 out of 1.00

Flag question

Metal conduits should not be earthed!

Select one:

- True ✗
- False

The correct answer is 'False'.

Question 10

Correct

Mark 2.00 out of 2.00

Flag question

An SOX Low Pressure Sodium Lamp

Select one:

- a. has a good CRI and its light color is blue -green
- b. can be mounted at any position.
- c. has a high efficacy, which could reach up to 140Lm/W. ✓
- d. has a short life time; about 1000 to 2000 Hours

Your answer is correct.

The correct answer is: has a high efficacy, which could reach up to 140Lm/W.

Question 11

Question 11

Correct

Mark 1.00 out of 1.00

Flag question

The auxiliary electrode in a High Pressure Mercury lamps assists starting the ionization of gas

The auxiliary electrode in a High Pressure Mercury lamps assists starting the ionization of gas and initial discharge, with the nearest main electrode .

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 12

Correct

Mark 1.00 out of 1.00

Flag question

ABC are Aerial Bundle Conductors used for underground installations

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 13

Correct

Mark 2.00 out of 2.00

🚩 Flag question

A double-pole single-throw switch with indicator lamp

Select one:

- a. connects/disconnects either the phase or the neutral conductors
- b. is a switch used to control the indicator lamp
- c. has the indicator lamp connected between the phase and neutral conductors at its output ✓
- d. is used to control a waterproof luminary in a bathroom

Your answer is correct.

The correct answer is: has the indicator lamp connected between the phase and neutral conductors at its output

Question 14

Correct

Mark 1.00 out of 1.00

🚩 Flag question

LED street lights have a moderate to good CRI: 70-80%.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 14

Correct

Mark 1.00 out of 1.00

🚩 Flag question

LED street lights have a moderate to good CRI: 70-80%.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 15

Correct

Mark 1.00 out of 1.00

🚩 Flag question

A wireless Security system is more reliable than the hard wired one.

Select one:

- True
- False ✓

The correct answer is 'False'.

Question 16

Incorrect

Mark 0.00 out of 1.00

Flag question

According to IEC, the voltage at the receiving end should be limited between $220 + 10\%$ and $220 - 10\%V$.

Select one:

- True
- False ✘

The correct answer is 'True'.

Question 17

Correct

Mark 1.00 out of 1.00

Flag question

Any interruption to the "Tamper loop" will cause activation to the Burglar Alarm system.

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 18

Correct

Mark 1.00 out of 1.00

Flag question

A magnetic ballast is less energy efficient than an electronic ballast.

Select one:

- True ✔
- False

The correct answer is 'True'.

Question 19

Incorrect

Mark 0.00 out of 2.00

Flag question

Digital Satellite Equipment Control

Select one:

- a. is usually located in the Extra Low Voltage distribution board within the installation ✘
- b. is located at the rooftop next to the satellite-collectors' terminals
- c. has "1" input and "4" outputs if it is assigned as DiSEqC 1.0
- d. has "1" input and "16" outputs if it is assigned as DiSEqC 1.1

Your answer is incorrect.

The correct answer is: is located at the rooftop next to the satellite-collectors' terminals

Question 20

Correct

Mark 2.00 out of 2.00

Flag question

Poly Vinyl Chloride (PVC)

Select one:

- a. cannot be bent by hand even if warmed.
- b. has high electrical resistance. ✓
- c. has low tensile strength.
- d. has a high flammability.

Your answer is correct.

The correct answer is: has high electrical resistance.

Question 21

Correct

Mark 1.00 out of 1.00

Flag question

The Fluorescent lamp has the interior of the tube coated in Fluorescent Phosphor.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 21

Correct

Mark 1.00 out of 1.00

Flag question

The Fluorescent lamp has the interior of the tube coated in Fluorescent Phosphor.

Select one:

- True ✓
- False

The correct answer is 'True'.

Question 22

Incorrect

Mark 0.00 out of 2.00

Flag question

A data cable

Select one:

- a. is a coaxial cable ✗
- b. has its cores of cross sectional area of 0.5mm-square
- c. is a two-core cable
- d. consists of untwisted pairs of cores

Your answer is incorrect.

The correct answer is: has its cores of cross sectional area of 0.5mm-square

Question 23

Correct

Mark 2.00 out of 2.00

Flag question

A Security (Intruder) Alarm system

Select one:

- a. has a "Smoke detector" as one of its call points
- b. has an FP200 or a Fire tuff cable
- c. has a "Reset Button" connected in parallel with all call points.
- d. has zones such that, all call points in each zone are connected in series ✓

Your answer is correct.

The correct answer is: has zones such that, all call points in each zone are connected in series

Question 24

Correct

Mark 2.00 out of 2.00

Flag question

A traveller conductor is

Select one:

- a. a brown with orange or black stripes, or any other color not used for the phase or earth or neutral, conductor ✓
- b. a black- or blue-color conductor
- c. a green with yellow stripes conductor
- d. a brown- or red-color conductor

Your answer is correct.

The correct answer is: a brown with orange or black stripes, or any other color not used for the phase or earth or neutral, conductor

Question 25

Correct

Mark 1.00 out of 1.00

Flag question

A Registered Jack socket (RJ-45) is used as data port.

Select one:

- True ✓
- False

The correct answer is 'True'.