

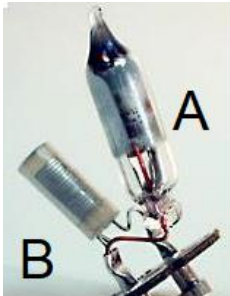
Module 7

Name:

Date:

Part A: Multiple choice question (MCQ)

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| <p>1) Below are the applications for indoor lighting, except.</p> <p>(a) task lighting
(b) halogen bulb
(c) ambient lighting
(d) accent lighting</p> <p>2) This lighting is commonly operate during the night in a garden compound, which is correct?</p> <p>(a) beacon light
(b) flood light
(c) perimeter light
(d) gardening light</p> <p>3) Another name for halogen lamp is also known as.</p> <p>(a) led lamp
(b) tungsten halogen lamp
(c) filament lamp
(d) discharge lamp</p> <p>4) The white powder inside the florescent lamp is known as.</p> <p>(a) mercury lead
(b) argon
(c) magnesium oxide
(d) phosphor</p> <p>5) What is ballast factor?</p> <p>(a) light output with a test ballast.
(b) inductive factor
(c) ballast voltage
(d) ballast power</p> | <p>6) What is the function of ballast in lighting?</p> <p>(a) to increase brightness of light
(b) to increase voltage
(c) to increase electron flow
(d) to improve power factor</p> <p>7) What is the role of capacitor inside a discharge lamp?</p> <p>(a) increase the current of lamp
(b) increase the power of the lamp
(c) improve brightness of the lamp
(d) improve power factor</p> <p>8) Street lighting most commonly using these types of lamp, except.</p> <p>(a) halogen lamp
(b) LED lamp
(c) mercury lamp
(d) sodum lamp</p> <p>9) What is the used of beacon lights on buildings?</p> <p>(a) for lighting up the building at night
(b) for decoration purpose
(c) for identify building
(d) for planes and helicopter navigation</p> <p>10) What is halogen lamp applications?</p> <p>(a) for office works
(b) for toilet
(c) for bed room
(d) for decorative purpose</p> |
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- 11) List below are the type of ballast, except.
- (a) electronic ballast
 - (b) programmed start
 - (c) rapid start
 - (d) starter
- 12) What is the function of ignitor inside a discharge lamp?
- (a) improve power factor
 - (b) act as starter
 - (c) increase voltage supply
 - (d) increase current higher
- 13) Control on street lighting can be applied according to list below, except.
- (a) emergency stop button
 - (b) by time clock
 - (c) photocell (light) sensor
 - (d) direct switch
- 14) The component of solar powered lamp is list below, except.
- (a) photovoltaic cell
 - (b) inverter
 - (c) ignitor
 - (d) rectifier circuit
- 15) What is the function of photovoltaic cell?
- (a) to increase power of light
 - (b) to regulate the voltage
 - (c) to receive sunlight and convert into electrical energy
 - (d) to receive sunlight and convert into light energy
- 16) A compact florescent lamp is also known as.
- (a) discharge lamp
 - (b) energy saving lamp
 - (c) mercury lamp
 - (d) sodium lamp
- 17) What is the life span of a compact florescent lamp?
- (a) 1,500 to 3000 hours
 - (b) 4,000 to 6000 hours
 - (c) 6,000 to 10,000 hours
 - (d) 10,000 to 12,000 hours
- 18) What is the number 4 line in LT overhead line used for?
- (a) act as power line
 - (b) act as switch wire
 - (c) act as phase distribution
 - (d) act as neutral line
- 19) The followings are the applications of solar lamp, except.
- (a) street lighting
 - (b) gardening lighting
 - (c) indoor lighting
 - (d) parking
- 20) 

Refer to picture above, what is A ?

- (a) diode
- (b) resistor
- (c) inductor
- (d) capacitor

Answer scheme part A objectivePart A : MCQ

1) B	6) C	11) D	16) B
2) D	7) D	12) B	17) D
3) B	8) A	13) A	18) B
4) D	9) D	14) C	19) C
5) A	10) D	15) C	20) D