

### Question 1

The purpose of a storm water drainage system is to:

- a. carry rain water away from the property.
- b. protect the property in case the local community's sanitary sewer system fails, by providing a place for the sewage to go.
- c. protect the property from underground springs.
- d. do all of the above.

Answer: <https://biology-forums.com/index.php?topic=694098>

### Question 2

Some current and most older electric discharge lamps present special disposal problems because they contain:

- a. small amounts of mercury.
- b. large amounts of lead.
- c. trace amounts of radioactive elements.
- d. all of the above.

Answer: <https://biology-forums.com/index.php?topic=694080>

### Question 3

Which of the following statements about designing an on-premises laundry is true?

- a. An on-premises laundry should be located as close to hotel guestrooms as possible.
- b. An on-premises laundry should not be located in an area or room with an outside wall.
- c. A cement floor with easily cleanable drains is ideal for an on-premises laundry.
- d. All of the above.

Answer: <https://biology-forums.com/index.php?topic=694088>

### Question 4

Which of the following series best describes the order of priority a facilities manager should establish when approaching a maintenance or repair task?

- a. (1) safety, (2) legality, (3) service
- b. (1) legality, (2) safety, (3) service
- c. (1) service, (2) legality, (3) safety
- d. (1) safety, (2) service, (3) legality

Answer: <https://biology-forums.com/index.php?topic=693982>

### Question 5

The basic job of a thermostat is to:

- a. regulate the flow of fuel to an HVAC unit.
- b. signal to maintenance personnel when an HVAC unit is in need of maintenance or repair.
- c. regulate the flow of intake air to an HVAC unit.
- d. sense the temperature of the air at the thermostat and signal an HVAC unit to either turn on or turn off.

Answer: <https://biology-forums.com/index.php?topic=694068>

### Question 6

The energy efficiency ratio (EER) of cooling equipment can be calculated by:

- a. adding the amount of cooling achieved (Btu/hr) to the amount of energy used (watts drawn by the unit) to operate the system.
- b. multiplying the amount of cooling achieved by the amount of energy used.
- c. subtracting the amount of cooling achieved from the amount of energy used.
- d. dividing the amount of cooling achieved by the amount of energy used.

Answer: <https://biology-forums.com/index.php?topic=694066>

### Question 7

Exit signs must operate:

- a. only at night.
- b. only in dark areas within a building.
- c. 24 hours a day, every day.
- d. during emergencies; at other times, operation is optional.

Answer: <https://biology-forums.com/index.php?topic=694078>

### Question 8

All of the following provisions are normally included in a maintenance contract except:

- a. a schedule of frequency of work and specific duties.
- b. a cancellation clause.
- c. specific fees for the work to be done.
- d. automatic renewal.

Answer: <https://biology-forums.com/index.php?topic=693992>

### Question 9

What are the Three P's?

- a. pulping, planting, producing
- b. planning, partnerships, permission
- c. permits, packaging, pollution
- d. people, planet, profit

Answer: <https://biology-forums.com/index.php?topic=693996>

### Question 10

Submetering, as a function of energy-use tracking and recording, is:

- a. a method of energy management in which meters are installed in energy-using areas to monitor their specific usage.
- b. an informative but very expensive tool, even when it is installed during initial construction.
- c. a technique used by the utility company in agreement with the user to estimate monthly electricity usage.
- d. a method used by utility companies to prevent "brownouts" by substituting purchased and metered electricity from a secondary supplier.

Answer: <https://biology-forums.com/index.php?topic=694005>

### Question 11

Because electric utilities have been deregulated in the United States:

- a. hotels must generate their own electricity.
- b. each geographic region has been assigned a single electric utility company.
- c. hotel managers must choose a utility company to supply their hotel's electricity.
- d. power outages and power-reliability problems have become much less frequent.

Answer: <https://biology-forums.com/index.php?topic=694062>

### Question 12

Which of the following provides a much higher level of protection than a standard circuit breaker?

- a. fuse
- b. line interrupter
- c. ground fault circuit interrupter
- d. time-delay relay

Answer: <https://biology-forums.com/index.php?topic=694058>

### Question 13

The largest portion of the maintenance department's POM expenditure is usually:

- a. water and sewage charges.
- b. wages and benefits.
- c. operating supplies.
- d. electrical and mechanical equipment.

Answer: <https://biology-forums.com/index.php?topic=693993>

### Question 14

Which of the following is not a CapEx item?

- a. replacement and refurbishment of FF&E
- b. structural changes made to meet the regulatory requirements of the Americans with Disabilities Act
- c. telecommunications trunk line charges
- d. renovations of building components

Answer: <https://biology-forums.com/index.php?topic=693980>

### Question 15

Joints in concrete are used to:

- a. reinforce the concrete.
- b. control the location of cracks.
- c. eliminate cracking, spalling, and scaling.
- d. absorb longitudinal load stress.

Answer: <https://biology-forums.com/index.php?topic=694095>

### Question 16

Which of the following is not a fire detection device?

- a. heat detector
- b. sprinkler activation detector
- c. smoke damper detector
- d. smoke detector

Answer: <https://biology-forums.com/index.php?topic=694028>

### Question 17

A restaurant's storm sewer system disposes of:

- a. rainwater.
- b. waste water from the restaurant itself.
- c. gray water.
- d. a and c

Answer: <https://biology-forums.com/index.php?topic=694042>

### Question 18

The equation is

$$y'' - 4y = x^3 + x$$

Answer: <https://biology-forums.com/index.php?topic=773296>

### Question 19

A cool-down cycle:

- a. helps prevent laundry from wrinkling.
- b. keeps tunnel washers from overheating.
- c. can be a feature of both washer-extractors and dryers.
- d. a and c

Answer: <https://biology-forums.com/index.php?topic=694083>

### Question 20

Why is it important for the hotel's maintenance department to keep the blades of the hotel's lawn mowers sharp?

- a. If the blades are sharp, the grass is cut, not ripped, and is therefore less susceptible to disease.
- b. The engines of the lawn mowers will run smoother if the blades are kept sharp.
- c. If the blades are sharp, the lawn mowers will use less gas.
- d. The blades are less likely to warp or crack if they are kept sharp.

Answer: <https://biology-forums.com/index.php?topic=694100>