

Quiz 26

1. One of the following statements about a fan coil units make-up air systems, which is false is that:

- a. the units include a disposable filter, fan, and heating/cooling coil
- b. ventilation is provided by a 100% outside air system
- c. the air handling unit includes filters, heating coil, cooling coil, humidifier, and supply fan
- d. fan coil units are installed in each room
- e. humidity is controlled by the fan coil units

2. In view of air conditioning, supplementary units located in each zone provide:

- a. ventilation
- b. humidity control
- c. air circulation
- d. heating
- e. filtering

3. The "funds available for the air conditioning portion of the building" refers to which factor of system selection?

- a. building function
- b. capital cost
- c. building layout
- d. operating costs
- e. maintenance requirements

4. When looking at building function to select a system which of the following factors are being considered?

- 1. the physical size of the building
 - 2. climatic conditions
 - 3. the amount of zoning required
 - 4. funds available for the system
 - 5. occupancy periods
 - 6. the need to operate certain areas off hours
- a. 1, 2, 6
 - b. 3, 4, 5
 - c. 1, 3, 4, 5, 6
 - d. 2, 4, 5
 - e. 1, 3, 4, 6

5. A system, which provides cooling and heating all year round is highly energy efficient but has a high initial cost, consisting of two separate supply and return piping and connected to separate coils, is a:

- a. single pipe system
- b. four-pipe system
- c. hydronic heat pump system
- d. three-pipe system
- e. two-pipe system

Quiz 26 Answers:

1 = e, 2 = d, 3 = b, 4 = b, 5 = b