

## Quiz 25

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**1. Which of the following statements about air handling units is true?**

- a. in any air conditioning systems the air is mainly conditioned in the air handling units
- b. the units can only heat air
- c. the units only circulate
- d. for each function there needs to be a separate air handling unit
- e. none of the above

**2. The most common system installed in most residences where the furnace is located in the basement and provides conditioned air via ducts to each room is called a:**

- a. forced air system
- b. single zone, constant air volume system
- c. low velocity terminal reheat system
- d. multi-zone system
- e. unit ventilator

**3. The unitary air conditioning system which uses a direct expansion refrigeration system to provide cooling and dehumidification in a local area without ductwork is called a:**

- a. unit ventilator
- b. rooftop unit
- c. window air conditioner
- d. high velocity terminal reheat system
- e. multi-zone system

**4. To offset the heat gain through the building's exterior shell from solar radiation, the atmosphere surrounding the building, and from internal sources of heat, then one of the following is required:**

- a. a humidifier
- b. a heat source
- c. ventilation
- d. a cooling source
- e. a dehumidifier

**5. The four properties of an interior environment that most affect thermal comfort are:**

- a. air temperature, dew point, relative humidity, solar radiation
- b. air temperature, relative humidity, metabolism, clothing
- c. air temperature, relative humidity, air speed, mean radiant temperature (MRT)
- d. surface temperature, surface texture, air temperature, air cleanliness

**Quiz 25 Answers:**

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**1 = a, 2 = a, 3 = c, 4 = d, 5 = c**