EET1033 H-5 Hialeah June 2018

Multiple Choice
Identify the choice that best completes the statement or answers the question.

_____ 1. Each completed wave form of a sine wave is called a(n) _____.
a. frequency
c. cycle
b. hertz
d. farad

_____ 2. In a sine wave, the number of complete cycles that occur in one second is called a _____.
a. frequency
c. cycle
b. hertz
d. farad

_____ 3. Peak-to-peak, peak, RMS, and average are measurements of _____ associated with sine waves.
a. wattage and resistance
c. voltage and resistance
b. amperage and resistance
d. voltage and amperage

_____ 4. The _____ value is measured from the maximum value in the positive direction to the maximum value in the negative direction.
a. average
c. peak-to-peak
b. peak
d. RMS

_____ 5. The _____ is measured from zero to the highest value obtained in either the positive or negative direction.
a. average
c. peak-to-peak
b. peak
d. RMS

_____ 6. The AC voltage that will produce the same amount of power as a like value of DC voltage is called the _____ value.
a. average
c. peak-to-peak
b. peak
d. RMS

_____ 7. The _____ value must be found when a sine wave AC voltage is changed into direct current.
a. average
c. peak-to-peak
b. peak
d. RMS

_____ 8. In DC circuits, there is only one basic type of load, which is _____.
a. inductive
c. resistive
b. amperage
d. reversing

_____ 9. _____ can be produced in AC circuits only when both current and voltage are either positive or negative.
a. Watts
c. RMS
b. True power
d. a or b

_____ 10. The most common frequency used in electrical generation in the United States and Canada is _____ hertz.
a. 60
c. 180
b. 90
d. 360

_____ 11. In a 120 VAC 60 Hz sine wave find:
RMS value in volts
a. 240
b. 339
c. 120
d. 80

_____ 12. Frecuency in cycles per second
   a. 60
   b. 80
   c. 25
   d. 40

_____ 13. Peak to peak value in volts
   a. 338.36
   b. 120
   c. 240
   d. 180

_____ 14. Peak voltage in volts
   a. 240
   b. 169.68
   c. 300
   d. 150

Completion
Complete each statement.

15. Frequency is measured in _____.