2.5 Spectrum Scanning

True/False
Indicate whether the sentence or statement is true or false.

____ 1. Spectrum scanning plots frequency and intensity.
____ 2. The IF gain can be adjusted during a scan.

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

____ 3. Spectrum scanning collects radio emissions to analyze what characteristics?
   a. color  c. electromagnetic
   b. chromatic  d. magnetic

____ 4. Incoming waves are separated into a
   a. spectrum  c. category
   b. graph  d. degree

____ 5. Smiley’s target is neutral
   a. hydroxide  c. hydrogen
   b. helium  d. magnesium

____ 6. Spectrum scans intensity over
   a. spectrum  c. intensity
   b. time  d. plot rate

____ 7. Frequency range must be entered in
   a. inches  c. MHz
   b. grams  d. KHz

____ 8. The 0-10 scale represents.
   a. time  c. IF gain
   b. intensity  d. plot rate

____ 9. What is the frequency for neutral hydrogen?
   a. 1.24 GHz.  c. 1.42 KHz
   b. 1.42 GHZ  d. 1.24 KHz

Short Answer

10. Describe how a spectrum scan can be compared to picking up a radio signal on your stereo.
2.5 Spectrum Scanning
Answer Section

TRUE/FALSE

1. ANS: T
2. ANS: F

MULTIPLE CHOICE

3. ANS: C
4. ANS: A
5. ANS: C
6. ANS: C
7. ANS: D
8. ANS: B
9. ANS: B

SHORT ANSWER

10. ANS:
The spectrum measures the intensity of the signal in a certain area, just as a certain location on your radio dial determines the strength/clarity of the channel.