

What is remote sensing?

- a. Obtaining information from a signature without being in direct physical contact.
- b. Obtaining information from a electromagnetic signature without being in direct physical contact.
- c. Obtaining information from the electromagnetic spectrum without being in direct physical contact
- d. Obtaining information from the electromagnetic radiation signature while being in physical contact

What are the two type of sensors?

- a. Active and Scanning
- b. Passive and Neutral
- c. Active and Passive
- d. Laser and Natural

How many frequencies are on the electromagnetic spectrum?

- a. Three
- b. Twelve
- c. Seven
- d. Infinite

What measures how often data is revisited and obtained?

- a. Temporal
- b. Spectral
- c. Radiometric
- d. Spatial

Which frequency is emitted by any object with a temperature?

- a. X-ray
- b. Gamma Ray
- c. Microwave
- d. Infrared

What research areas map feature locations with a particular spectral or spatial signature?

- a. Classification
- b. Spectral Unmixing
- c. Target detection
- d. Change Detection

What describes the ability of any image forming device by making it a major determinant of image resolution?

- a. Spatial Resolution
- b. Passive Sensor
- c. Classification
- d. Visible

Which technology did not lead to increased range, payload and speed of aircrafts?

- a. The Zeppelin
- b. U2 Spy Plane
- c. V2 Rocket
- d. M.E 262 Jet

What year was the term Remote Sensing introduced in?

- a. 1956
- b. 2001
- c. 1960
- d. 1976

Who was the term remote sensing introduced by?

- a. The Office of Naval Research
- b. NASA
- c. German Scientist
- d. NOAA

Which frequency on The Electromagnetic Spectrum has shorter wavelengths and higher energy?

- a. X-Ray
- b. Radio
- c. Microwave
- d. Gamma Ray

How many wavelengths can infrared be studied in?

- a. One
- b. Two
- c. Three
- d. Four

Why was the radar ignored when predicting the raid on Pearl Harbor?

- a. It was an unproven technology.
- b. It was not built yet
- c. It had a malfunction earlier that day
- d. It was not ignored, It was simply forgotten

Active Sensors provide what?

- a. An external energy source
- b. Naturally available energy
- c. Ground Detection
- d. Their own source of illumination

What is an example of a Passive Sensor?

- a. Radar
- b. Satellite
- c. Camera
- d. Photograph

## Key

1. B
2. C
3. C
4. A
5. D
6. C
7. A
8. B
9. C
10. A
11. D
12. C
13. A
14. D
15. C