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Remote Sensing MCQ Test

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We have listed here the best **Remote Sensing MCQ Questions** that check your basic knowledge of Elements of Remote Sensing. This **Remote Sensing MCQ Test** contains 25+ best Multiple Choice Questions. You have to select the right answer to every question. Finally, you can also download here the **Remote Sensing MCQ PDF** for the best preparation of the Remote Sensing Exam/Interview.

Q1. The refractive index of ocean water increases with salinity.

- **A. True**
- B. False

Q2. Which one of the following helps to identify the objects on the earth surface?

- **A. Signature**
- B. Radiometric error
- C. Atmospheric window
- D. None of the above

Q3. which one of the following errors is produced by platform characteristics of the sensor?

- A. Altitude
- B. Orbit drift
- C. Altitude variation
- **D. All of the above**

Q4. The basic requirement of any sensor system is

- A. Spatial resolution
- **B. Spectral resolution**

- C. Radiometric resolution
- **D. All of the above**

Q5. The value of energy quantum for radiation of any frequency is proportional to -

- **A. The frequency**
- B. The square of the frequency
- C. The reciprocal of the energy
- D. The square root of the frequency

Q6. Coherence of two electromagnetic waves takes place if their phase difference is

- A. Constant in time
- B. Constant in space
- **C. Both A & B**
- D. None of the above

Q7. Which one of the following frequency regions is a part of sun's radiation?

- A. Visible frequency region
- B. Radio frequency region
- C. Infrared frequency region
- **D. All of the above**

Q8. Does remote sensing use Electro-magnetic waves in its procedure?

- **A. Yes**
- B. No

Q9. Which of these is not a principle of remote sensing?

- A. Electromagnetic energy
- B. Electro-magnetic spectrum
- **C. Interaction of energy with satellite**
- D. Interaction of energy with atmosphere

Q10. is used by the EM waves.

- A. Solar field
- B. Micro field
- **C. Electric field**
- D. Polarized field

Q11. Which of the following wave is not employed in case of remote sensing?

- **A. X-ray**
- B. Thermal IR
- C. Visible ray
- D. Radio waves

Q12. What is a perfectly black body?

- A. It is a diffuse emitter
- B. It emits power of every wave length
- C. It absorbs all the radiations of every wave lengths
- **D. All of the above**

Q13. Remote sensing techniques make use of the properties of

- A. Sound waves
- B. Electric waves
- **C. Electromagnetic waves**
- D. All of the above

Q14. The normal altitude of GPS satellite is about

- A. 16, 200 km
- **B. 20, 200 km**
- C. 24, 400 km
- D. None of the above

Q15. The energy transported by the electromagnetic wave is proportional to

- A. The altitude of the wave
- B. The square root of the amplitude
- C. The cube of the altitude of the wave
- **D. The square of the altitude of the wave**

Q16. While passing through the atmosphere, the solar radiation

- A. Gets scattered
- **B. Remains unaffected**
- C. Gets absorbed partially
- D. None of the above

Q17. A remote sensor photographic camera responses spectrum up to about 0.9 ?.

- **A. True**
- B. False

Q18. Which of the following statements is incorrect?

- **A. GIS technology is the same as traditional mapping**
- B. GIS technology contains analytic capabilities for overlaying maps
- C. GIS technology is capable to study the environmental surroundings
- D. All of the above

Q19. Which kind of waves can travel through empty space?

- A. Water waves
- B. Sound waves
- C. Spring waves
- **D. Electromagnetic waves**

Q20. The range measurements in GPS are made with

- A. 2 C - band frequencies
- B. 3 L - band frequencies
- **C. 2 L - band frequencies**
- D. 3 C - band frequencies

Q21. Which of the following waves can be used in case of remote sensing?

- A. X-rays
- B. UV rays
- **C. Visible rays**
- D. All of the Above

Q22. The most widely used antenna in GPS is

- A. Horn antenna
- B. Slotted antenna
- **C. Microstrip antenna**
- D. None of above

Q23. Which type of remote sensing uses its own source of electromagnetic energy?

- **A. Active remote sensing**
- B. Passive remote sensing
- C. Both Active & Passive Remote Sensing
- D. None of above

Q24. The altitudinal distance of a geostationary satellite from the earth is about

- A. 26,000 km
- B. 30,000 km
- C. 34,000 km
- **D. 36,000 km**

Q25. Remote sensing includes gathering of

- A. Sounds
- **B. Images**
- C. Changes
- D. Movements

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