

1. In Aerial Photography, the minimum forward overlap is \_\_\_\_\_ and lateral overlap is \_\_\_\_\_
- A. 60%, 25-30%
  - B. 25%, 10-15%
  - C. 35% , 15-20%
  - D. 40%, 17-22%

**Correct answer is : A**

2. Which of the following remote sensing technologies use sound?
- A. Radar
  - B. Colour Infrared
  - C. Sonar
  - D. Lidar

**Correct answer is : C**

3. \_\_\_\_\_ refers to the arrangement and frequency of tonal variation in particular areas of image
- A. Tone
  - B. Texture
  - C. Pattern
  - D. Association

**Correct answer is : B**

4. \_\_\_\_\_ explains the photoelectric effect
- A. Planck's law
  - B. Wien's Displacement law
  - C. Stephen Boltzmann's law
  - D. None of the above

**Correct answer is : A**

5. In which region of electro-magnetic spectrum does passive sensing system operate
- A. Infrared region
  - B. Visible region
  - C. Both A & B
  - D. Microwave region

**Correct answer is : C**

6. FCC is acronym for \_\_\_\_\_
- A. First Colour composite
  - B. False Colour Combination
  - C. False Colour composite
  - D. First Colour Combination

**Correct answer is : C**

7. Sink holes appear as dark spots on an imagery where the surface or immediate subsurface soil consists of lime stones. This is an example of which one of the elements of visual image interpretation

- A. Tone
- B. Texture
- C. Shadows
- D. Association

**Correct answer is : D**

8. Identify the following drainage pattern \_\_\_\_\_

- A. Dichotomic
- B. Dendritic
- C. Braided
- D. Radial

**Correct answer is : B**

9. Who is considered as the father of GIS?

- A. P.A. Burrough
- B. F.F. Sabins
- C. Thomas Lillesand
- D. Roger Tomlinson

**Correct answer is : D**

10. In the 3D case for the same pair of x, y coordinates a number of spatial locations with a different z coordinate could exist because the z coordinate is calculated \_\_\_\_\_

- A. independently from the x, y pair
- B. dependently from the x, y pair
- C. dependent only on x
- D. dependent only on y

**Correct answer is : A**

11. Topographic maps are prepared from hardcopy stereo pairs in a device called \_\_\_\_\_

**Answer: Stereoplotter**

12. The altitude of camera at exposure time is called \_\_\_\_\_.

**Answer: Flying height**

13. Microwaves and broadcast radio waves are examples of \_\_\_\_\_ wavelengths.

**Answer: Longer**

14. The wavelength at which a black body radiation curve reaches a maximum is related to its temperature by \_\_\_\_\_ law.

**Answer: Wein's displacement law**

15. \_\_\_\_\_ is a measure of the ground area viewed by a single detector element in a given instant in time.

**Answer: Instantaneous field of view (IFOV)**

16. The temporal resolution of Land sat 4/5 is \_\_\_\_\_ days.

**Answer: 16**

17. A high resolution image refers to one with a \_\_\_\_\_ resolution size where as a low resolution image refers to one with a \_\_\_\_\_ resolution size.

**Answer: Small, large**

18. \_\_\_\_\_ are decision support computer based systems for collecting, storing, presenting and analyzing geographical spatial information.

**Answer: GIS**

19. \_\_\_\_\_ is the term used to describe the geometric characteristic of objects which do not change under transformations and are independent of any coordinate system.

**Answer: Topology**

20. \_\_\_\_\_ are things in the real world and \_\_\_\_\_ are things in the digital world

**Answer: Entities, Objects**