Unit 5 - Week 4

Assignment 4

The due date for submitting this assignment has passed. As per our records, you have not submitted this assignment.

1. In a vertical aerial photograph, the amount of relief displacement is inversely proportional to the __________ above the datum. 1 point
   - Flying height
   - Exposures angle
   - Transparency
   - Radial distance from the principal point to the object
   No, the answer is incorrect.
   Accepted Answer: Flying height

2. The relief displacement is __________ from the principal point whose elevations are above datum and __________ from points whose elevations are below datum. 1 point
   - Outward, inward
   - Outward, outward
   - Inward, outward
   - Inward, inward
   No, the answer is incorrect.
   Accepted Answer: Outward, inward

3. On vertical aerial photographs, relief displacement is inversely proportional to __________. 1 point
   - Flying height
   - Exposures angle
   - Transparency
   - Object height
   No, the answer is incorrect.
   Accepted Answer: Object height

4. The main causes of relief displacement depend upon __________. 1 point
   - Period length
   - Height of object
   - Effect of the field of view
   - All of the above
   No, the answer is incorrect.
   Accepted Answer: All of the above

5. The apparent shift in the position of an object due to a shift in the position of the observer is known as __________. 1 point
   - Relief displacement
   - Parallax
   - Physically distorted
   - Vertical exaggeration
   No, the answer is incorrect.
   Accepted Answer: Parallax

6. Large positive implies __________ height of objects while small positive implies __________ height of objects. 1 point
   - Large, low
   - Small, great
   - Large, great
   - Small, low
   No, the answer is incorrect.
   Accepted Answer: Large, low

7. In a stereo-pair photograph, the difference between base of the object and height of the same object in both the photograph is known as __________. 1 point
   - Absolute parallax
   - Vertical exaggeration
   - Differential parallax
   - None of the above
   No, the answer is incorrect.
   Accepted Answer: Differential parallax

8. If we have raw data of the forward and after images of an area in the form of an aerial or satellite data, then by processing such images in ERDAS software, we can do __________. 1 point
   - Digital elevation modeling
   - Analytical generation
   - Topographic profiling
   - All of the above
   No, the answer is incorrect.
   Accepted Answer: All of the above

9. Through processing the raw data of forward and after images of an area acquired by satellite sensors, we can generate the left and right aerial images with their software to make __________ of that area. 1 point
   - Analytical
   - Digital elevation model
   - Raw data file map
   - None of the above
   No, the answer is incorrect.
   Accepted Answer: Digital elevation model

10. If we have an aerial photograph for which the flying height is known, we can easily calculate the __________ by using photogrammetry measurements. 1 point
    - Light low
    - Flight speed
    - Object height
    - Original elevation
    No, the answer is incorrect.
    Accepted Answer: Object height