Unit 2 - Week 1

Assignment-1

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

Due on 2019-09-11, 23:59 IST.

1) The earth energy balance is the balance between incoming energy from the Sun and outgoing energy from the Earth. In this process energy released from the Sun is emitted as_____. ***1 point***

- Ultraviolet energy
- Infrared energy
- Ultraviolet and Infrared energy
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Ultraviolet energy

2) In a satellite image, different type of geomorphic features could be identified based on the _____ of the image. ***1 point***

- Orientation
- Tonal variation
- Density variation
- Angle

No, the answer is incorrect.
Score: 0
Accepted Answers:
Tonal variation

3) _____ occurs when the diameter of the particles in the atmosphere are much larger than the wavelength of radiation. ***1 point***

- Rayleigh Scattering
- Mie Scattering
- Non-selective Scattering
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Non-selective Scattering

4) A _____ surface for reflection is a surface that appears uniformly bright from all directions of view and reflects the entire incident light. ***1 point***

- Lambertian
- Specular
- Semi-diffusive
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Lambertian

5) A photograph that has taken from any point in air generally taken in a straight run with each photograph overlapping the adjacent photograph by_____ and side lapping by_____. ***1 point***

- 30%, 60%
- 60%, 30%
- 40%, 20%
- 30%, 40%

No, the answer is incorrect.
Score: 0
Accepted Answers:
60%, 30%

6) Combination of a vertical and two oblique photographs in which the central photo is vertical and side ones are oblique, mainly used for reconnaissance is known as_____. ***1 point***

- Convergent
- High Oblique
- Low Oblique
- Tri-metrogon

No, the answer is incorrect.
Score: 0
Accepted Answers:
Tri-metrogon

7) The angle between optical axis and principal point of the camera in a vertical aerial photograph would be_____. ***1 point***

- 90^0
- 60^0
- 30^0
- 0^0

No, the answer is incorrect.
Score: 0
Accepted Answers:
0^0

8) In _____ projection, the distances, angles, and areas in plane are independent of elevation differences of objects. ***1 point***

- Orthogonal
- Oblique
- cylindrical
- Parallel

No, the answer is incorrect.
Score: 0
Accepted Answers:
Orthogonal

9) _____ is the principle point of an aerial photo represented on an adjacent aerial photograph whereas _____ is a point at which a vertical line through the perspective center of the camera lens pierces the plane of the aerial photograph. ***1 point***

- Nadir point, Isocenter
- Isocenter, Principal point
- Isocenter, Conjugate principal point
- Conjugate principal point, Nadir point

No, the answer is incorrect.
Score: 0
Accepted Answers:
Conjugate principal point, Nadir point

10) A picture taken with panchromatic film, violet and blue are the only reflected colored lights. Whereas, other colors make no impressions and therefore show as black on the screen. ***1 point***

- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False