Assignment 3

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

Due on 2019-02-27, 23:59 IST.

1) Earth observations from a satellite platform provides:

- [ ] Synoptic view of a large area
- [ ] Constant solar zenith angles and similar illumination conditions
- [ ] Repetitive observations of the same area with intervals of a few minutes to a few weeks
- [ ] All of these

**No, the answer is incorrect.**

Score: 0

Accepted Answers:
- All of these

2) Due to scan geometry of a satellite sensor:

- [ ] The off-nadir resolution is degraded
- [ ] The ground distance swept by the sensor, IFOV is proportional to sec^2θ, where θ is the angle of scan measured from the nadir
- [ ] The details towards the edge of the scan get compressed
- [ ] All of these

**No, the answer is incorrect.**

Score: 0

Accepted Answers:
- All of these

3) 'A time varying electric field produces a magnetic field'. This phenomenon is called:

- [ ] Hertz's law
- [ ] Ampere Maxwell's law
- [ ] Faraday's law

**No, the answer is incorrect.**

Score: 0

Accepted Answers:
- Ampere Maxwell's law
5) The objective of image interpretation is:

- [ ] Identification and recognition of objects
- [ ] Measuring the thickness of objects
- [ ] Estimate the age of the objects
- [ ] None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Identification and recognition of objects

6) Presently satellite based remote sensing technology provides possibilities to monitor changes about:

- [ ] Active volcanoes
- [ ] Surging glaciers
- [ ] Growth of vegetation
- [ ] All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of these

7) Remote sensing technology is:

- [ ] Generic
- [ ] Digital
- [ ] Spatial
- [ ] All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of these

8) The changes in the reflectivity/emissivity with time, is called:

- [ ] Spectral variation
- [ ] Spatial variation
- [ ] Temporal variation
- [ ] None of these

No, the answer is incorrect.
Score: 0
9) Georeferencing transforms images / maps from .......... coordinate system to ..........coordinate system:

- Geometric, space
- Geographic, geometric
- Geometric, geographic
- None of the above

No, the answer is incorrect.
Score: 0

10) All bodies at temperatures above absolute zero degree emit electromagnetic radiation at different wave length*, is known as:

- Plank's law
- Planktan's law
- Lambert's cosine law
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Plank's law