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Unit 10 - WEEK-8

Assignment 8

The due date for submitting this assignment has passed. Due on 2019-10-23, 23:59 IST.
As per our records you have not submitted this assignment.

1) Base of image pyramid contains: ***1 point***

- Low resolution
- High resolution
- Intensity
- Blurred portion

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

2) The High pass filters highlight: ***1 point***

- Low intensity components
- Mid intensity components
- High intensity components
- All components

No, the answer is incorrect.
Score: 0
Accepted Answers:
High intensity components

3) In the process of image classification, which of the following methods results in a greater accuracy of classes within an image actually matching land use patterns on the ground? ***1 point***

- Manual/supervised by a user

- Robotic classification
- Fully automated
- Unprocessed image interpretation

No, the answer is incorrect.
Score: 0
Accepted Answers:
Manual/supervised by a user

4) In which technique, histogram of the original image is redistributed to produce a uniform population density: ***1 point***

- Linear contrast stretch
- Non-linear contrast stretch
- Histogram equalization
- Gamma stretch

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

5) An image enhancement technique that attempts to improve the contrast in an image by `stretching' the range of intensity values it contains to span a desired range of values is called? ***1 point***

- Non-histogram Equalization
- Non-linear contrast stretching
- Histogram Equalization
- Linear contrast stretching

No, the answer is incorrect.
Score: 0
Accepted Answers:
Linear contrast stretching

6) The distance between the two satellites (or orbits) in the plane perpendicular to the orbit is called the interferometer: ***1 point***

- Polyline
- Vector
- Line
- Baseline

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

7) Multi-sensor image…… is the process of combining relevant information from two or more images into a single image: ***1 point***

- Mosaic
- Fusion
- Collage
- Assortment

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

8) Different rows of a RADAR image are associated with different: ***1 point***

- Intensity
- Slant range location
- Azimuth location
- Elevation

No, the answer is incorrect.
Score: 0

Accepted Answers:
Azimuth location

9) Each colour cycle in a SAR interferogram represents elevation difference of: ***1 point***

- λ
- 2λ
- $\lambda/2$
- $2/\lambda$

No, the answer is incorrect.
Score: 0

Accepted Answers:
$\lambda/2$

10) Shadows in a satellite image often _____ to calculate height of an object. ***1 point***

- Assist
- Hinder
- Do not affect
- Aggravate

No, the answer is incorrect.
Score: 0

Accepted Answers:
Assist