Unit 5 - Week 4: Tree Height

Assignment-04

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-27, 23:59 IST.

1) The distance along the stem axis between the base point and the stem tip is called
- tree height
- stem height
- stem length
- basal length

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

2) The distance from the base of the tree to the base of the first living branch that forms a part of the tree crown is called
- tree height
- bole height
- merchantible height
- merchantible stem height

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

3) Choose the correct formula:
- Total height > Bole height + Crown length
- Total height = Bole height + Crown length
- Total height = Bole height + 2 × Crown length

No, the answer is incorrect.
Score: 0
Accepted Answers: Total height = Bole height + 2 × Crown length
5) For a tree, the staff length is 4 m and the length of hypsometer is 33 cm. We measure h', the height subtended on the hypsometer by the staff, to be 11 cm. Find the height of the tree.

- 10 m
- 11 m
- 12 m
- 13 m

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

6) A rangefinder is used to take measurements for a tree. The top of a tree is at a distance of 25 ft and the tree itself is at a distance of 20 ft. If the instrument is kept at a height of 5 ft, find the height of the tree.

- 10 ft
- 15 ft
- 20 ft
- 25 ft

No, the answer is incorrect. Score: 0
Accepted Answers: 20 ft

7) The time of flight for LiDAR is 0.00001 sec. Find the distance of the object from the instrument.

- 500 m
- 1000 m
- 1500 m
- 2000 m

No, the answer is incorrect. Score: 0
Accepted Answers: 1500 m

8) IMU stands for

- Imperial metering unit
- Inertial metering unit
- Imperial measurement unit
- Inertial measurement unit
9) A nutating mirror in scanner will give ___ pattern on ground

- sawtooth
- parallel lines
- elliptical
- triangular

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

10) Bathymetric LiDAR uses ___

- far infrared light
- near infrared light
- orange light
- green light

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