

Forests and their management: Assignment 5

The correct answers are in **bold**.

S. No.	Question
1	Which of these is correct? a. Plane surveying takes into account the true shape of the Earth and is used for smaller areas (< 250 sq km) b. Plane surveying takes into account the true shape of the Earth and is used for larger areas (> 250 sq km) c. Geodetic surveying takes into account the true shape of the Earth and is used for smaller areas (< 250 sq km) d. <b>Geodetic surveying takes into account the true shape of the Earth and is used for larger areas (&gt; 250 sq km)</b>
2	The frequency of flyovers is an indicator of a. spatial resolution b. <b>temporal resolution</b> c. spectral resolution d. radiometric resolution
3	The time of flight for LiDAR is 0.00001 sec. Find the distance of the object from the instrument. a. 500 m b. 1000 m c. <b>1500 m</b> d. 2000 m
4	___ is how close the measured values are to each other. a. Accuracy b. <b>Precision</b> c. Bias d. Variance
5	Bathymetric LiDAR uses a. far infrared light b. near infrared light c. orange light d. <b>green light</b>
6	"This sampling employs a simple rule of selecting every k- unit starting with a number chosen at random from 1 to k as the random start." We're talking about a. Simple random sampling b. <b>Systematic sampling</b> c. Stratified sampling d. Multistage sampling
7	A sampling procedure such that each possible combination of sampling units out of the population has the same chance of being selected is referred to as a. <b>Simple random sampling</b> b. Systematic sampling c. Stratified sampling d. Multistage sampling
8	___ is how close the measured values are to the correct value. a. <b>Accuracy</b> b. Precision c. Bias d. Variance
9	IMU stands for a. Imperial metering unit b. Inertial metering unit c. Imperial measurement unit d. <b>Inertial measurement unit</b>
10	A list of sampling units is called a a. <b>frame</b> b. window c. sample d. population

Best wishes,

Save a tree; please don't print this unless you really need too!