Progress

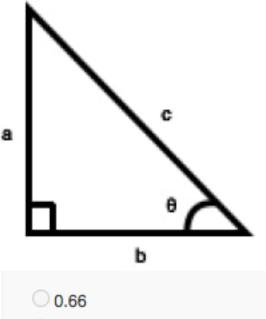
NPTEL » Forests and their management

1 point

1 point

Unit 5 - Week 4: Forest Mensuration

Course outline	Assignment (4) [New]	
How does an NPTEL online course work?	The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.	Due on 2020-03-04, 23:59 IST.
Week 1: Introduction	Choose the correct statement:	1 point
Week 2: Basics of Silviculture	For a non-circular cross-section, girth tape over-estimates the sectional area.	
Week 3: Forest Soils	For a non-circular cross-section, girth tape underestimates the sectional area.	
Week 4: Forest Mensuration	 For a non-circular cross-section, girth tape correctly estimates the sectional area. None of these is a correct statement. 	
Lecture 10: Tree Form	No, the answer is incorrect.	
Lecture 11: Measurement of Tree attributes - I	Score: 0 Accepted Answers: For a non-circular cross-section, girth tape over-estimates the sectional area.	
 Lecture 12: Measurement of Tree attributes - II 	2) A tree has dbh of 25 cm. Find its basal area in sq m.	1 point
Feedback Form for Week-4	O.049	
Quiz : Assignment (4) [New]	○.096 ○.149	
 Solution of Assignment (4) [NEW] 	○.195	
Week 5: Forest Surveying	No, the answer is incorrect. Score: 0 Accepted Answers:	
Week 6: Forest Protection	.049	
Week 7: Silvicultural Management - I	For absolute form factor, the reference for the base of the cylinder is base of the tree	1 point
	breast height	
Week 8: Silvicultural Management - II	10% of tree height 20% of tree height	
Week 9: Logging and Yield	No, the answer is incorrect. Score: 0	
Week 10: Silvicultural Practices	Accepted Answers: base of the tree	
Week 11: Newer Trends in Forestry	4) The breast height for Japan and Korea is	1 point
Week 12: Revision	○ 1.1 m ○ 1.2 m	
Download Videos	○ 1.3 m ○ 1.4 m	
Text Transcripts	No, the answer is incorrect. Score: 0	
	Accepted Answers: 1.2 m	



5) In the triangle of figure, $\theta = 60^{\circ}$ and c = 4 cm. Find b.

01 O 1.5 O 2 No, the answer is incorrect. Score: 0 Accepted Answers: 6) Consider a stand of eucalyptus trees that are on average 30 cm in diameter and spaced on a regular 3 m grid. Find the spacing factor. 1 point **5** O 10 O 15 data insufficient No, the answer is incorrect. Score: 0 Accepted Answers: 10 1 point 7) For false form factor, the reference for the base of the cylinder is base of the tree

 breast height 10% of tree height 20% of tree height No, the answer is incorrect. Score: 0 Accepted Answers: breast height

8) A tree has dbh of 35 cm. Find its basal area in sq m. 0.049 0.096 .149 .195 No, the answer is incorrect. Score: 0

.096 9) Diameter over bark (dob), diameter under bark (dub) and bark thickness (tb) are related as: 1 point \bigcirc dob = dub + tb

Odob = dub - tb \bigcirc dob = dub + 2 × tb \bigcirc dob = dub - 2 × tb No, the answer is incorrect.

10) For normal form factor, the reference for the base of the cylinder is 1 point base of the tree breast height 10% of tree height 20% of tree height No, the answer is incorrect.

Score: 0 Accepted Answers: 10% of tree height

Accepted Answers:

Score: 0

Accepted Answers: $dob = dub + 2 \times tb$