Assignment (4) [New]

The data for this assignment has been posted.

Due on 2020-03-04, 23:59 IST.

1. Choose the correct statement:
   - For a non-circular cross section, girth tape overestimates the sectional area.
   - For a non-circular cross section, girth tape underestimates the sectional area.
   - None if these is a correct statement.

   No, the answer is incorrect.

   Accepted Answers:
   - a)
   - b)
   - c)
   - d)

2. A tree has dbh of 25 cm. Find its basal area in sq m.

   No, the answer is incorrect.

   Accepted Answers:
   - 0.032
   - 0.033
   - 0.034
   - 0.035

3. The breast height for Japan and Korea is:
   - 1.7 m
   - 1.8 m
   - 1.9 m
   - 2.0 m

   No, the answer is incorrect.

   Accepted Answers:
   - 1.9 m

4. The range of figure, $a = 60^\circ$ and $c = 4\,cm$. Find $b$.

   No, the answer is incorrect.

   Accepted Answers:
   - 4.5
   - 5.5
   - 6.5

5. 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.

   No, the answer is incorrect.

   Accepted Answers:
   - 0
   - 0.5
   - 1
   - 1.5

6. A tree has dbh of 25 cm. Find its basal area in sq m.

   No, the answer is incorrect.

   Accepted Answers:
   - 0.032
   - 0.033
   - 0.034
   - 0.035

7. Diameter over bark (dwb), diameter under bark (dub) and bark thickness (bt) are related as:
   - $dwb = dwb - 0.015$
   - $dwb = dwb + 0.015$
   - $dwb = dwb - 0.03$
   - $dwb = dwb + 0.03$

   No, the answer is incorrect.

   Accepted Answers:
   - $dwb = dwb + 0.015$
   - $dwb = dwb - 0.03$

8. For normal tree factor, the reference for the base of the cylinder:
   - of the tree
   - breast height
   - 10% of the height
   - 20% of the height

   No, the answer is incorrect.

   Accepted Answers:
   - breast height
   - 10% of the height
   - 20% of the height

9. P. the answer is incorrect.

   Accepted Answers:
   - breast height
   - 10% of the height
   - 20% of the height