2013 Ky. FFA Nursery/Landscape CDE Team Landscape Estimating Practicum

Directions: Using the plan, your calculator and ruler or architects scale bubble your answers according to the instructions by your group leader. Round up to the nearest correct answer.

1. According to the scale on the plan a measurement of 6 7/16 inches is equal to:
   A. 50 feet
   B. 54 feet
   C. 50.5 feet
   D. 51.5 feet

2. All of the landscape beds (1125 square feet) require 3 inches of bark mulch. How many cubic yards of mulch are required for the job?
   A. 125 cubic yards
   B. 93.75 cubic yards
   C. 13 cubic yards
   D. 11 cubic yards

3. The turf area (approximately 5600 square feet) is to be sodded at a cost of $2.75 per square yard. What is the cost for sodding the turf areas?
   A. $5133
   B. $1540
   C. $1715
   D. $1500

4. A 4 foot high stockade type fence is to be built starting on the South-East corner of the home and going East to the property line and continuing South around the back of the property and ending at the North-West corner of the house. How many linear feet of fencing needs to be installed?
   A. 143 feet
   B. 183 feet
   C. 153 feet
   D. 133 feet

5. The fence is to be painted on both sides with a wood stain sealer that will cover 175 square feet per gallon. How many gallons of sealer will be needed to paint the fence with two coats?
   A. 17 gallons
   B. 9 gallons
   C. 10 gallons
   D. 11 gallons
6. The drive way is to be a poured 6” exposed aggregate concrete driveway. How many cubic yards of concrete will be need to pour the driveway?
   A. 12 cubic yards
   B. **10 cubic yards**
   C. 14 cubic yards
   D. 18 cubic yards

7. The garden area needs 6 inches of additional compost soil amendment. How many cubic feet of compost will be needed to cover the entire garden?
   A. 127 cubic foot
   B. 137 cubic foot
   C. 140 cubic foot
   D. **154 cubic foot**

8. The brick patio is to be covered with 8” X 8” pavers placed flat side up. Allowing an extra 10% for cutting and breakage – how many pavers will be needed for the new patio?
   A. 640 pavers
   B. 1050 pavers
   C. **525 pavers**
   D. 900 pavers

9. The plant labeled #9? is be a focal point viewed from the deck and the plant labeled #15 is part of the foundation planting. A plant with strong summer interest is desired for #9 and a slow growing, evergreen is desired for #15. Which two plants best suit the needs of the client.
   A. Forsythia for #9 & Green Velvet Boxwood for #15
   B. Limelight Hydrangea for #9 & Varder Valley Boxwood for #15
   C. Knock-out Rose for #9 & Juddi Viburnum for #15
   D. Adiago Ornamental Grass for #9 and Taxus densiformis for #15

10. The lirope (symbol - 🍃) on the plan are wholesale priced at $3.50 each with an additional $75 for labor what is the total cost of the lirope installation for the plan?
    A. $158.50
    B. $168.25
    C. **$148.50**
    D. $165.00