



Nursery/Landscape Career Development Event

LANDSCAPE ESTIMATING - 2024

*Please mark all answers carefully and properly on the scansheet answer sheet.
Choose the closest answer to your calculations.*

This is a landscape plan for an existing business in downtown Indianapolis, IN. The client is requesting a bid for maintenance work for the upcoming year. All questions are based on the provided plan.

1. One of the small trees has died. What is a good replacement option?
A. Acer saccharum
B. Tilia cordata
C. Malus spp.
D. Platanus x acerifolia
2. Evergreen shrubs take a labor factor of .25 man hours per shrub to prune. Evergreen shrubs need to be pruned twice per year for this contract. How many man hours will it take to prune all the evergreen shrubs for the whole year?
A. 16 man hours
B. 4.5 man hours
C. 6 man hours
D. 2.75 man hours
3. How many square feet of annuals will you need for this site?
A. 120 sq. ft.
B. 75 sq. ft.
C. 60 sq. ft.
D. 103 sq. ft.
4. The annuals the client selected need to be planted 8" on center. Based on your sq. ft. of annual beds, how many annuals will you need?
A. 232 plants
B. 118 plants
C. 157 plants
D. 259 plants
5. How many linear feet of string trimming is there indicated in the area labeled as string trim section?
A. 62.5 linear ft.
B. 425 linear ft.
C. 150 linear ft.
D. 302 linear ft.

6. What is the title block of this plan missing?
 - A. Nothing; it is complete
 - B. North arrow and scale
 - C. Scale and location
 - D. Location and design firm
7. Mulch needs to be installed at a 2" depth in the spring. 1 cubic yard of mulch covers 324 square feet at a 1" depth. This site has 1,116 sq. ft. of mulch beds. How many cubic yards of mulch will you need?
 - A. 12.33
 - B. 3.25
 - C. 6.88
 - D. 4.6
8. A fall clean up includes cutting down perennials and grasses at a labor factor of .08 hours per plant. You charge \$65 per hour. How much will you charge for the fall clean up service?
 - A. \$198.00
 - B. \$185.00
 - C. \$213.00
 - D. \$312.00
9. Pruning at the correct time is essential to maintaining plants properly. As a general rule, when is the best time to prune flowering shrubs?
 - A. Just after they finish flowering
 - B. In the fall
 - C. As soon as you see buds
 - D. Anytime that works with your schedule
10. The client would like a proposal for 2 new annual beds indicated on the plan with squares and labeled. You have figured that you will need 5 flats. Each flat costs \$16.50 and needs a 1.5 factor mark up. How much will you charge for these 2 new beds?
 - A. \$433.80
 - B. \$123.75
 - C. \$98.32
 - D. \$267.83