

2022 Soils Practicum: Part 1

Soil Texture Identification

Question 1

Sample #1

- a.) Fine
- b.) Medium
- c.) Moderately Course
- d.) Coarse

Question 2

Sample #2

- a.) Fine
- b.) Medium
- c.) Moderately Coarse
- d.) Coarse

Question 3

Sample #3

- a.) Fine
- b.) Medium
- c.) Moderately Coarse
- d.) Coarse

Soil Structure Identification

Question 4

Sample # 4

- a.) Granular
- b.) Angular blocky
- c.) Prismatic
- d.) Platy

Question 5

Sample # 5

- a.) Granular
- b.) Angular blocky
- c.) Prismatic
- d.) Platy

Question 6

Sample # 6

- a.) Granular
- b.) Angular blocky
- c.) Prismatic
- d.) Platy

2022 Soils Practicum: Part 2

The following questions refer to the Custom Soil Resource Report Generated from Web Soil Survey from an area located in Natchitoches Parish, Louisiana.

- 7.) What is the land capability classification (nonirrigated) of the Memphis silt loam, 8 to 20 percent slopes map unit?
- a) 2e
 - b) 6e
 - c) 3w
 - d) 1
- 8.) What does the abbreviation 'AOI' stand for?
- a) Any Observation Identified
 - b) Area of Interest
 - c) Acres of Interest
 - d) Acres of Interpretation
- 9.) What is the latitude and longitude of the Northeast corner of the custom soil resource map (not the AOI)?
- a) 32° 59' 24" N, 91° 15' 49" W
 - b) 33° 0' 15" N, 91° 17' 24" W
 - c) 32° 59' 24" N, 91° 17' 24" W
 - d) 33° 0' 15" N, 91° 15' 49" W
- 10.) Within the AOI of the custom soil resource report soil map, how many acres are there of the Sharkey clay map unit?
- a) 142.3
 - b) 356.6
 - c) 45.7
 - d) 10.4
- 11.) What is the depth to water table of the Calhoun component in the Calhoun-Calloway complex map unit?
- a) About 0 to 18 inches
 - b) More than 80 inches
 - c) About 12 to 24 inches
 - d) About 7 to 18 inches

12.) What is the Hydrologic Soil Group of Sharkey clay map unit?

- a) B
- b) C
- c) A
- d) D

13.) Based on the Land Capability Classification (nonirrigated) which soil map unit is the best suited for crop production?

- a) Memphis silt loam, 8 to 20 percent slopes
- b) Calhoun-Calloway complex
- c) Memphis silt loam, 0 to 2 percent slopes
- d) Sharkey clay

14.) How many days is the frost-free period for the Memphis silt loam, 0 to 2 percent slopes map unit?

- a) 230 to 290 days
- b) 215 to 290 days
- c) 219 to 291 days
- d) 238 to 295 days

15.) Which soil map unit is not considered prime farmland?

- a) Sharkey clay
- b) Memphis silt loam, 8 to 20 percent slopes
- c) Grenada-Calhoun silt loams complex, 0 to 3 percent slopes
- d) Calhoun-Calloway complex

16.) For the Sharkey clay map unit, 'clay' is indicative of the most dominant surface texture of the map unit?

- a) TRUE
- b) FALSE

17.) What landform is the Memphis silt loam, 0 to 2 percent slopes map unit located on?

- a) Swales
- b) Flood Plains
- c) Natural Levees
- d) Terraces

18.) Most soil minor components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management – they are called noncontrasting, or similar components. They may or may not be mentioned in a particular map unit description.

- a) TRUE
- b) FALSE

19.) The minor component Calhoun makes up what percentage of the Memphis silt loam, 0 to 2 percent slopes map unit?

- a) 10%
- b) 5%
- c) 1%
- d) 4%

20.) Using the Soil Map, what is located at approximately 660000 by 3652600?

- a) A pond
- b) A building
- c) A road
- d) A Tractor

Key

1. B
2. D
3. A
4. A
5. C
6. B
7. B
8. B
9. D
10. B
11. A
12. D
13. C
14. A
15. B
16. A
17. D
18. A
19. C
20. B