

BA SANGAM COLLEGE
YEAR 11
AGRICULTURAL SCIENCE
WORKSHEET 4

Multiple Choice Questions

- 1). The size of the soil particles that makes up the soil is called
 - A. soil texture
 - C. structure
 - B. porosity
 - D. consistence

- 2). The ability of soil to hold water for plant use is termed as?
 - A. water holding capacity
 - B. water content
 - C. water table
 - D. water level

- 3). The process occurring in soils where nutrients are washed to lower horizons is termed as
 - A. Erosion
 - B. Leaching
 - C. Land slide
 - D. Soil loss

- 4). Which of the following is a use of maize?
 - A. Corn flour
 - B. Roti flour
 - C. Sweets
 - D. Maze

- 5). The soil found in the garden is referred to as granular. This term describes its
 - A. texture
 - B. structure
 - C. colour
 - D. depth

Matching

Match the terms in **List A** with their correct descriptions from **List B**.

Write the letter of the description in **List B** beside the number of the matching term in **List A**.

List A

List B

- | | |
|---------------------------|--|
| 1. Initiation stage | A. Wetland rice variety |
| 2. Ornamental | B. Involves building used for business |
| 3. Acclimatization stage | C. A plant grown for its aesthetic appearance |
| 4. Permeability | D. The offspring are identical to parents. |
| 5. Tissue culture | E. Plants are transferred in a potting medium for further growth and hardening |
| 6. Commercial landscaping | F. The ability of water and air to flow between particles |
| 7. Soluble salts | G. Tissues under conditions which leads to cell multiplication |
| 8. Munsell Colour System | H. The explant is extracted under sterile conditions and placed in a nutrient medium |
| 9. Asexual reproduction | I. Compounds that are readily dissolved in water. |
| 10. Deepak | J. A standardized system used for measuring soil colour |

Essay

Question 1

The physical properties of soil are those characteristics which can be seen by the eye or felt between the fingers.

With reference to the above statement, discuss **two** factors which determine the:

- Depth of soil
- Colour of soil
- Temperature of soil