

## EXERCISE # 1

### A. Single Choice Type Questions

- Q.1** The best soil for healthy growth of plant is -  
 (A) sandy (B) clayey  
 (C) loamy (D) all
- Q.2** Loam is a mixture of -  
 (A) sand and clay (B) sand and slit  
 (C) clay and slit (D) clay and gravel
- Q.3** Soils differ according to their -  
 (A) colour (B) texture  
 (C) aeration (D) all
- Q.4** Which of the following is an agent of weathering ?  
 (A) water (B) plant roots  
 (C) glaciers (D) all
- Q.5** Which of the following is rich in humus ?  
 (A) topsoil (B) subsoil  
 (C) bedrock (D) parent rock
- Q.6** A soil can hold very little water is -  
 (A) clayey (B) loamy  
 (C) sandy (D) parent rock
- Q.7** The water holding capacity is highest in -  
 (A) sandy soil  
 (B) loamy soil  
 (C) clayey soil  
 (D) mixture of sandy and loamy soil
- Q.8** Rock particles of soil is -  
 (A) gravel (B) sand  
 (C) clay (D) loam
- Q.9** Large scale of planting of trees is called -  
 (A) afforestation (B) deforestation  
 (C) soil erosion (D) soil pollution
- Q.10** Suitability of a soil growing crops depends upon its -  
 (A) texture (B) type  
 (C) colour (D) all of these
- Q.11** Which of the following is an inexhaustible natural resource ?  
 (A) Air (B) Water

(C) Coal

(D) None of these

- Q.12** Soil is composed of -  
 (A) mineral + water + air  
 (B) mineral + organic matter + air  
 (C) mineral + organic matter + air + water  
 (D) organic matter + water
- Q.13** Use of pesticides and fertilizers causes -  
 (A) soil pollution (B) air pollution  
 (C) both A & B (D) none of these
- Q.14** Primary source of energy in an ecosystem is -  
 (A) sugar stored in plants  
 (B) heat liberated during respiration  
 (C) solar energy  
 (D) heat liberated by fuel burning
- Q.15** Growth of root in the soil is -  
 (A) Geotropism (B) Phototropism  
 (C) Chemotropism (D) None
- Q.16** Which component of soil gets deficient due to excess supply of water ?  
 (A) Nutrients (B) Air  
 (C) Minerals (D) Manure
- Q.17** Which of the following decompose the organic matter to produce manure ?  
 (A) Protozoa (B) Bacteria & Fungi  
 (C) Only Bacteria (D) Only Fungi

### B. Fill in the blank

- Q.18** Loamy soil is ..... in colour.
- Q.19** No humus is present in ..... horizon.
- Q.20** Wheat and rice grow best in ..... soil.
- Q.21** ..... soil is poorly aerated with high water ..... property.
- Q.22** ..... is the finest of all soil particles.

## EXERCISE # 2

### A. Very Short Answer Types Questions

- Q.1 Name any five living organisms found in soil.
- Q.2 Name the three layers of soil.
- Q.3 What does soil consists by bedrock ?
- Q.4 Write the name of three layers of soil profile in terms of horizons.
- Q.5 Name any five living organisms found in soil.
- Q.6 What name is given to the removal of topsoil by wind and water ?

### B. Short Answer Types Questions

- Q.7 What is sandy soil ? Give any two properties of sandy soil.
- Q.8 name the most fertile soil for growing plant. Why is it so ?
- Q.9 How can you prevent soil erosion ? Name four steps only.
- Q.10 How is soil polluted ?
- Q.11 Name four common minerals found in the soil.
- Q.12 What are the agents that bring about soil erosion ?
- Q.13 Why is earthworm called a farmer's friend ?
- Q.14 What is meant by afforestation ?
- Q.15 What is terrace farming and how is it useful ?

### C. Long Answer Types Questions

- Q.16 Why is soil regarded as our most important natural resource ?
- Q.17 Describe soil profile in brief with a neat and labelled diagram.
- Q.18 State two differences between clayey soil and sandy soil.
- Q.19 Describe soil profile in brief with a neat, labelled diagram.
- Q.20 How is soil useful to us ?