

RDL740 (Major test)

Marks: 45

Hrs.2

Note: Attempt all questions:

Part (A)

Q1 (a) what are mushrooms? Write the potential aspects of mushroom fungi.

OR

What kind of mushroom requires compost production for cultivation? Describe the compost production methods. (Both short and long methods).

4

(b) Give common and scientific names of the commercially cultivated mushrooms in India. Write the name of mushroom which is produced maximally.

2

(c) Discuss the methodology of spawn production.

2

(8)

Q2. Write short notes on any two of the following:

(a) Clay particles

(b) Taxonomic classification of phytobiomass.

(c) Energy plantation and petro crops.

(8)

Q3 (a) Give the topic of your presentation. Also write significant points of that.

3

(b). Describe the types of silk being produced in India. List the food plants required for different types of silk worms reared in different states.

4

(c) What do you mean by sheet, rill and gully erosion and alluvial soils?

2

(9)

Part (B)

Q1. Why it is difficult to modify the pH of soil? Explain.

(3)

Q2. What are the advantages of lime addition to acidic soils? What parameters determine the lime requirement of a particular soil? Explain with the graph.

(7)

Q3. What are the properties that an ideal plant selected for wasteland reclamation should have?

(5)

Q4. What are the different levels of controls exerted by halophytes to survive in saline soil? Explain with diagram.

(5)