

RDL740
(Major Test)

Total marks: 45
Duration: 2 hours

26.11.2009

PLEASE ATTEMPT PART A & PART B IN SEPARATE ANSWER SHEETS

Part A

- ✓ Q.1 Which characters make weeds the most appropriate plant for wasteland reclamation? Mention at least 9 such characteristic. (3)
- ✓ Q.2. What is Agroforestry? Describe its advantages and disadvantages with respect to land reclamation. (3)
- ✓ Q.3 Define Silvipastoral system and describe an example of its application for reclamation of disturbed soil. (3)
- ✓ Q.4 What is soil texture? Describe the properties of different soil separates. (3)
- ✓ Q.5
- (i) Alkaline soils have
- (a) Good structure (b) Good texture (c) Poor drainage (d) K deficiency
- (ii) Rural Infrastructure Index includes
- (a) House structure (b) Piped water (c) Educational facilities (d) Health infrastructure (e) None of the above
- (iii) Non-seeded Tracheophyte is/are
- (a) Ferns (b) Mosses (c) Liverworts (d) cycads (e) Both a & c (f) Both b & c (3)

PART B

- 1) ✓ a) What do you understand by biomass? (2)
- b) ✓ Discuss how biomass can provide renewable raw materials for chemical Industry (4)
- OR**
- c) What do you understand by Integrated Utilization Biomass. (4)