

Please check whether you have got the right question paper.

- N.B:**
1. **All** questions are **compulsory**.
 2. **Figures** to the **right** indicate **full marks**.
 3. **Draw neat & labelled diagrams wherever necessary**.

Q 1 Explain the concept of Monophyly and Polyphyly giving one example each from the classification you had studied. **12**

OR

Q 1 What is the effect of phenetic approach and the floristic studies in taxonomy? **12**

Q 2 Write a brief account on monographic studies and vegetation survey in taxonomy. **12**

OR

Q 2 Explain the role of internet in relation to progressive and advancement in taxonomy. **12**

Q 3 Describe the various step involved in development and maintenance of herbarium. Add a note on the role of B.S.I. in Herbaria. **12**

OR

Q 3 Explain the role of gardens in taxonomic studies. **12**

Q 4 What is plant quarantine? Give the historical back ground of plant quarantine. **12**

OR

Q 4 Give an account of applications of remote sensing in vegetation classification and forest resource. **12**

Q 5 Write note on **any three** of the following: **12**

- a) Phylogeny
- b) Ethnobiological studies.
- c) Floras.
- d) Herbarium of KEW.
- e) Domestic quarantine
- f) Remote sensing of soil.
