



বিদ্যাসাগর বিশ্ববিদ্যালয়

**VIDYASAGAR UNIVERSITY**

**M.Sc. Examinations 2020**

**Semester IV**

**Subject: BOTANY**

**Paper: 494**

(Practical)

**Full Marks: 25**

**Time: 3hrs.**

*Candidates are required to give their answers in their own words as far as practicable.*

**Forest Mensuration and Surveying**

**Answer any one of the following questions within 250 words:**

1. Mention the process for measurement of diameter of a plant.
2. Mention the process for measurement of girth of a plant.
3. Mention the process for measurement of height of a standing tree.
4. How volume of a log can be calculated?
5. Mention different steps of chain surveying.
6. What are different tools used in plane table survey?
7. Mention the advantages and disadvantages of using Abney's level in height measurement.
8. Mention different types of deformations found in wood.
9. Mention advantages of using GBH.
10. Mention the process of plane table survey.
11. Write down different precautions to be taken during surveying.
12. Mention trigonometric principle for calculation of height of a tree.