

B.Sc. 3rd Semester (Honor's) Examination-2021
FORESTRY

Course ID: 33506

Course Code: **SH/FST/ SA 2104**

Course Title: Dendrology

Time: 2 Hours

Full Marks: 50

The figures in the margin indicate full marks.

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

- I. Write a definition or one sentence answer any 10 of the following 1x10=10
1. Babul plants belongs to which family
 2. Name one medicinal plants of rubiaceae
 3. Raceme inflorescence is found in which family
 4. Name the book written by D.prain
 5. Name the plants with marginal placentation
 6. Write down the first two phases of taxonomy
 7. Name one timber yielding plant of apocynaceae
 8. Name one fiber yielding plant of family malvaceae
 9. Where you find vexillary pterofoliation?
 10. What is lemma?
 11. What is syngenesious stamens?
 12. Where you find campylotropous ovule?
 13. Who is the father of modern taxonomy?
 14. Draw valvate aestivation
 15. Who is the first introducer of term taxonomy
- II. Write short note/ define any 10 of the following 2x10 =20
1. Mention two economical importance of malvaceae family
 2. Define tautonym.
 3. What do you mean by natural system of classification
 4. Mention two advanced characteristics of orchidaceae family
 5. What is epipetalous stamen?
 6. Define gamma taxonomy
 7. Mention two morphological character of leguminosae family
 8. Write down the floral formula of oryza sativa
 9. Name medicinal plant of rubiaceae
 10. What is harberium ?
 11. Define taxonomic key
 12. Mention two demerit of Bentham and Hooker classification
 13. Two economical importance Euphorbiaceae
 14. What is perigynous flower?
 15. Define dendrology.

III. Write down in brief any four (4) of the following

5x4=20

1. Give an outline classification of Bentham and hooker classification
2. Economical importance of rubiaceae and gramineae family
3. Mention advanced characters of orchidaceae family
4. Write down the morphological characteristics of Malvaceae family.
5. Difference between monocot and dicot plant
6. Write down the morphological characteristics of apocynaceae family.