

3. Seed vigour tests
 4. Difference between orthodox and recalcitrant seeds
 5. Pest and disease control process
 6. Mention seed dormancy breaking process.
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Total Pages—4

22-23/13507**B.Sc. 1st Semester (Honours) Examination, 2022-23****FORESTRY****COURSE ID: 13507 COURSE CODE: SH/FST/BS 1103****COURSE TITLE: Seed Technology & Nursery
Management****(New Syllabus)***Time : 2 Hours**Full Marks : 50*

*The figures in the right hand 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 *Ten* of the
followings : 10×1=10

1. Full form of ELISA
2. Mention two endospermic seed
3. Mention two samara seed
4. Crypto vivipary seed

5. Full form of ISTA
6. Orthodox seed.
7. Which part of seed is called embryonic shoot
8. Define epicotyl
9. Write down the two example of Orthodox seeds
10. Actinomorphic flower
11. Mention two oil yielding seed
12. Mulching
13. Seed coat
14. Sunken bed
15. Pericarp

II. Write short note/define any *Ten* of the followings :

2×10=20

1. Scarification
2. Causes of dormancy

3. Mention two seed born disease
4. Modified Adventitious roots
5. Innate dormancy
6. Breeder seed
7. Mention two hybrid crops
8. Significance of seed dispersal mechanism
9. Spikelet inflorescence
10. Aleurone layer
11. Acclimatization
12. zoochorous seed dispersal mechanism
13. Necrotic symptoms
14. Bacterial blight
15. Hypogeal germination

III. Write down in brief any *four* of the following. 5×4=20

1. Seed treatment for moisture
2. Seed certification