

UNIT WISE IMPORATANT QUESTIONS

BOTANY

Unit I:

Short answer type questions

- 1.Polyembryony
- 2.Fossilization
- 3.Gnetum male and female cone
- 4.Pinus male and female cones

Long answer type questions

- 1.Pinus ovule
- 2.Pinus needle
- 3.Gnetum ovule
- 4.Gnetum stem
- 5.Economic importance of Gymnosperms
- 6.Types of fossils

Unit II

Short answer type questions

- 1.Histogen theory
- 2.Apical theory
- 3.Korperkappe theory
- 4.Tunica corpus theory
- 5.Sclereids
- 6.Types of stomata
- 7.Epidermal outgrowths

Longanswer type questions

- 1.*Types of meristematic tissue and functions*
- 2.*Simple tissues*
- 3.*complex tissues*

4.Special tissues

Unit III

1.Heart wood and sapwood

2.cambium

3.teak

4.red sanders

5.neem

Long answer type questions

1.Secondary growth

2.Boerhavia

3.Achyranthes

4.Dracaena

5.Wood structures

Unit IV

1.Structure of anther

2.Ovule types

3.Double fertilization

4.Polyembryony

5.microsporogenesis

6.megasporogenesis

Long answer type questions

1.microsporogenesis and development of male gametophyte

2.megasporogenesis and development of female gametophyte

3.Pollen-pistil interaction

4.Endosperm types and functions

5.Monocot and dicot embryo structures

6.Apomixis

