



TAMIL NADU OPEN UNIVERSITY

School of Science

Chennai-15.

B.Sc., Botany - Second Year
HOME ASSIGNMENT

Programme Code No : 183
Programme Name : B.Sc., Botany
Course Code & Name : BBOT -21, Plant Taxonomy and Economic Botany
Batch : AY2020`-21
No. of Assignment : 4 (2 credits for each)
Maximum Marks CIA : 15 Marks [Average of total no. of Assignments]

ASSIGNMENT - 1

Max : 15 marks

Answer any one of the question not exceeding 1000 words

- 1) Give detailed account on fruits
- 2) Explain Bentham and Hooker classification of flowering plant
- 3) Describe the family Poaceae

ASSIGNMENT - 2

Max : 15 marks

Answer any one of the question not exceeding 1000 words

- 1) Describe about Principles and concepts of Nomenclature
- 2) Write detail of Liliaceae
- 3) Outline the Cultural practices for economic important crops

ASSIGNMENT - 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Describe the families Lamiaceae and Rutaceae
2. Write about the families Arecaceae and Nymphaeaceae
3. Give an account on Medicinally important plants

ASSIGNMENT - 4

Answer any one of the question not exceeding 1000 words

1. Modification of root – explain with examples
2. Engler and Prantle classification – sketch
3. Ecological important crops - elaborate



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B.Sc., Botany - Second Year
HOME ASSIGNMENT

Programme Code No : 183
Programme Name : B.Sc., Botany
Course Code & Name : BBOT -22, Plant Anatomy and Embryology
Batch : AY2020`-21
No. of Assignment : 4 (2 credits for each)
Maximum Marks CIA : 15 Marks [Average of total no. of Assignments]

ASSIGNMENT - 1

Max : 15 marks

Answer any one of the question not exceeding 1000 words

- 1) Give detailed account on Classification of tissues
- 2) Explain Secondary thickening of monocots root
- 3) Describe Nodal anatomy

ASSIGNMENT - 2

Max : 15 marks

Answer any one of the question not exceeding 1000 words

- 1) Describe about the theories of meristem
- 2) Write detail secondary thickening of dicot root
- 3) Write about methods of pollination

ASSIGNMENT - 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

- 1) Describe the branching morphology of leaf
- 2) Outline the development of ovule
- 3) Give an account on development of embryo

ASSIGNMENT - 4

Answer any one of the question not exceeding 1000 words

1. Dermal tissues - explain with example and diagram
2. Outline male reproductive organ
3. Describe Embryo development



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Chennai - 15
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HOME /SPOT ASSIGNMENT

Programme Code No : 183

Programme Name : B.Sc., Botany

Course Code & Name: BBOTA21 Animal Diversity

Batch : AY 2020-21

No. of Assignment : One Assignment for Each 2 Credits

Maximum CIA Marks: 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max :15 marks

Answer any one of the question not exceeding 1000 words

- 1) Given an account of the cephalic appendages of prawn
- 2) Explain the life cycle of lamellidens
- 3) Detail account on external features of pigeon

ASSIGNMENT – II

Max :15 marks

Answer any one of the question not exceeding 1000 words

1. Describe the structure and reproduction of paramoecium
2. Explain the salient features of earthworm
3. Discuss the general characteristics, classification and distributions of rabbit