



TAMIL NADU OPEN UNIVERSITY

Chennai - 15
School of Science

HOME / SPOT ASSIGNMENT

Programme Code No :183
Programme Name :B.Sc., Botany
Course Code & Name : **BBOT21** Plant Taxonomy and Economic Botany
Batch : AY 2018-2019
No.of Assignment : One Assignment for Each 2 Credits (Ex. 6 Credits)
Maximum CIA marks : 25 (Average of Total No. of Assignments)

ASSIGNMENT - 1

Max : 25 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 : 25 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

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Write notes on Flowers and its types
2. Give an account on Brassicaceae
3. Write Ecological importance of plants



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Programme Code No :183
Programme Name :B.Sc., Botany
Course Code & Name : **BBOT22** Plant Anatomy and Embryology
Batch : AY 2018-2019
No.of Assignment : One Assignment for Each 2 Credits (Ex. 6 Credits)
Maximum CIA marks : 25 (Average of Total No. of Assignments)

ASSIGNMENT - 1

Max : 25 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 : 25 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

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Write notes on primary and secondary tissues
2. Give an account on morphology of branching
3. Write notes on endosperm



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Programme Code No :
Programme Name : B.Sc., Botany
Course Code & Name : BBOTA21 Animal Diversity
Batch : AY 2019-20
No. of Assignment : One Assignment for Each 2 Credits
Maximum CIA Marks: 25 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max :25 marks

Answer any one of the question not exceeding 1000 words

- 1) Explain the salient features of major invertebrate phyla
- 2) Write about the cephalic appendages of prawn
- 3) Describe the life cycle of *Faciola hepatica*

ASSIGNMENT – 2

Max :25 marks

Answer any one of the question not exceeding 1000 words

- 1.) Write about the major classes of phylum protozoa?
- 2.) Describe the structure and reproduction of paramoecium
- 3.) Explain the salient features of earthworm