



TAMIL NADU OPEN UNIVERSITY

School of Science

Chennai-15.

M.Sc., Botany – First Year
HOME ASSIGNMENT

Programme Code No : 2283
Programme Name : M.Sc., Botany
Course Code & Name : MBOTN -11 Plant Diversity - I
Batch : AY2021`-22
No. of Assignment : 3
Maximum Marks CIA : 30 Marks [Average of total no. of Assignments]

ASSIGNMENT -1

Max. Marks 15

Answer any ONE of the following three questions in 1000 words

1. Describe Classification Algae by GE Smith
2. Write life cycle of Oscillatoria
3. Describe Host - parasite interaction

ASSIGNMENT - 2

Answer any ONE of the following three questions in 1000 words

1. Write notes on Mushroom cultivation
2. Write the Classification of Fungi
3. Give an account on Rhizopus

ASSIGNMENT - 3

Answer any ONE of the following three questions in 1000 words

1. Write notes on Thallus organization in Lichen
2. Classification of Bryophytes - Give details
3. Give description on Marchantia



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M.Sc., Botany – First Year
HOME ASSIGNMENT

Programme Code No	:2283
Programme Name	:M.Sc., Botany
Course Code & Name	:MBOTN -12 Plant Diversity - II
Batch	: AY2021` -22
No.of Assignment	: 3
Maximum Marks CIA	: 30 Marks [Average of total no. of Assignments]

ASSIGNMENT -1

Answer any ONE of the following three questions in 1000 words

1. Describe Classification of Pteridophytes
2. Write life cycle of Marsilea
3. Describe Classification of Gymnosperms

ASSIGNMENT - 2

Answer any ONE of the following three questions in 1000 words

1. Write notes on Ginkgo
2. Write about origin of flowering plants
3. Give an account on Geological time scale

ASSIGNMENT - 3

Answer any ONE of the following three questions in 1000 words

1. Write notes on Psilotum
2. Classification of Fossil - Give details
3. Give description on Rhinia



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M.Sc., Botany – First Year
HOME ASSIGNMENT

Programme Code No	:2283
Programme Name	:M.Sc., Botany
Course Code & Name	:MBOTN -13 Microbiology Immunology and Plant Pathology
Batch	: AY2021`-22
No.of Assignment	: 3
Maximum Marks CIA	: 30 Marks [Average of total no. of Assignments]

ASSIGNMENT -1

Answer any ONE of the following three questions in 1000 words

- 1.
2. Write Classification of Bacteria
3. Write about electron microscope
4. Describe Ultra structure of Bacterial cell wall

ASSIGNMENT - 2

Answer any ONE of the following three questions in 1000 words

1. Spoilage of food explain with examples
2. Write about sewage treatment by microbes
3. Give an account on Industrial application of Microbes

ASSIGNMENT - 3

Answer any ONE of the following three questions in 1000 words

1. Sketch structure of virus and describe
2. Write about immunoglobulins
3. Defense mechanism in plants - explain



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HOME ASSIGNMENT

Programme Code No	:2283
Programme Name	:M.Sc., Botany
Course Code & Name	:MBOTN -14 Morphology Plant Anatomy and Embryology
Batch	: AY2021` -22
No.of Assignment	: 3
Maximum Marks CIA	: 30 Marks [Average of total no. of Assignments]

ASSIGNMENT -1

Answer any ONE of the following three questions in 1000 words

1. Write Compound Leaf with diagram
2. Give details on Fruits
3. Write about Meristem

ASSIGNMENT - 2

Answer any ONE of the following three questions in 1000 words

1. Explain vascular system with diagram
2. Write about Root anatomy
3. Give an account on Dendrochronology

ASSIGNMENT - 3

Answer any ONE of the following three questions in 1000 words

1. Sketch the internal structure of leaf
2. Write about Ovule
3. Fertilization - explain



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HOME ASSIGNMENT

Programme Code No	:2283
Programme Name	:M.Sc., Botany
Course Code & Name	:MBOTN -15 Plant Taxonomy and Economic Botany
Batch	: AY2021`-22
No.of Assignment	: 3
Maximum Marks CIA	: 30 Marks [Average of total no. of Assignments]

ASSIGNMENT -1

Answer any ONE of the following three questions in 1000 words

1. Write about Principles of Taxonomy
2. Sketch the Classification of Bentham and Hooker
3. Write about ICBN

ASSIGNMENT - 2

Answer any ONE of the following three questions in 1000 words

1. BSI - Write notes
2. Write about Herbarium making
3. Family Description Annonaceae

ASSIGNMENT - 3

Answer any ONE of the following three questions in 1000 words

1. Sketch the family description Liliaceae
2. Write about commercial crops
3. Essential oil yielding crops - Give account