



TAMIL NADU OPEN UNIVERSITY

School of Science

Chennai-15.

B.Sc., Botany – First Year

HOME ASSIGNMENT

Programme Code No : **183**

Programme Name : **B.Sc. Botany**

Course Code & Name : **BBOT11 - & Plant Diversity - I**

Batch : **2020-21 Batch Arrear**

No. of Assignments : **4 [One Assignment for each 2 credits]**

Maximum CIA Marks : **15 Marks for AY 2020-21 [Average of total no. of Assignments]**

ASSIGNMENT - 1

Max :15 marks

Answer any one of the question not exceeding 1000 words

1. Write Classification of Algae by F E Fritsch
2. Write about Economic Importance of Fungi
3. Give Detailed Structure of Bacterial Cell Wall

ASSIGNMENT - 2

Max : 15 marks

Answer any one of the question not exceeding 1000 words

1. Give an account on Economic importance of Algae
2. Derive the Classification of Bryophytes
3. Describe the life cycle of Sargassam

ASSIGNMENT - 3

Max : 15 marks

Answer any one of the question not exceeding 1000 words

1. Write about life cycle of Oscillatoria
2. Describe the Reproduction in Lichens
3. Give an Account Ecological significance of Lichens

ASSIGNMENT - 4

Max : 15 marks

Answer any one of the question not exceeding 1000 words

1. Blue Green Algae – Give Details
2. Pennicilium – Detailed Description
3. Sewage treatment by Bacteria



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HOME ASSIGNMENT

Programme Code No : **183**

Programme Name : **B.Sc. Botany**

Course Code & Name : **BBOT12 - & Plant Diversity - II**

Batch : Upto 2019-20 Batch Arrear

No. of Assignments : **4 [One Assignment for each 2 credits]**

Maximum CIA Marks : **25 Marks for AY 2020-21 [Average of total no. of Assignments]**

ASSIGNMENT - 1

Max :25 marks

Answer any one of the question not exceeding 1000 words

1. Write Classification of Pteridophytes
2. Write about Pinus
3. Give Detailed Structure Geological Time Scale

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Give an account on Reproduction of Pteridophytes
2. Give an account on Gnetum
3. Explain the types of Fossils

ASSIGNMENT - 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Write about life cycle of Marsilea
2. Describe the Classification of Gymnosperms
3. Give an Account Rhynia with suitable diagrams

ASSIGNMENT - 4

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Sporophytic life cycle of Pteridophytes
2. Gycus - Give account
3. Classification of fossils



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B.Sc., Botany – First Year

HOME ASSIGNMENT

Programme Code No : **183**

Programme Name : **B.Sc. Botany**

Course Code & Name : **BBOTA11 - & General Chemistry**

Batch : Upto 2019-20 Batch Arrear

No. of Assignments : **4 [One Assignment for each 2 credits]**

Maximum CIA Marks : **25 Marks for AY 2020-21 [Average of total no. of Assignments]**

ASSIGNMENT - 1

Max :25 marks

Answer any one of the question not exceeding 1000 words

- 1) Explain in details about the structure based classification of polymers.
- 2) Write notes on the Metallic bond and Hydrogen bonding.
- 3) Discuss about Michealis-Menten equation.

ASSIGNMENT - 2

Max :25 marks

Answer any one of the question not exceeding 1000 words

) Describe the following with examples.

- Strength
- Normality
- Molarity
- Molality
- Wight/Volume composition percentage

- 2) Explain in details about the Chromatography and its types.
- 3) Discuss in details about the Polymerization.