



TAMIL NADU OPEN UNIVERSITY
School of Science

Chennai-15.
B.Sc., Botany – Third Year
SPOT ASSIGNMENT

Course
Cell Biology and Genetics

Course Code
BBOT-31

Admission Year
AY-2017-18

Time: 1 Hour
Answer All Questions

Total Marks: 25

3×5=15 Marks

1. Explain the difference between prokaryotic and eukaryotic cell wall (5).
2. Write about membrane bound organelles (5).
3. Give an account of structure and fution of Nucleus (5).

1×10=10 Marks

4. Elaborate Cell division (Mitosis and Meiosis) (10).



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B.Sc., Botany – Third Year
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Course
Plant Physiology

Course Code
BBOT-32

Admission Year
AY-2017-18

Time: 1 Hour
Answer All Questions

Total Marks: 25

3×5=15 Marks

1. Explain Imbibition, Diffusion and Osmosisl (5).
2. Write about Respiration (5).
3. Give an account Beta oxidation (5).

1×10=10 Marks

4. Elaborate Photosynthesis with Eletron transport chain (10).



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B.Sc., Botany – Third Year
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Course
Ecology and Forestry

Course Code
BBOT-33

Admission Year
AY-2017-18

Time: 1 Hour
Answer All Questions

Total Marks: 25

3×5=15 Marks

1. Explain the terrestrial and Aquatic biomesl (5).
2. Write about Ecological adaptations (5).
3. Give an account on Conifers (5).

1×10=10 Marks

4. Write about Water and Air Pollution (10).



TAMIL NADU OPEN UNIVERSITY
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B.Sc., Botany – Third Year
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Course
Biochemistry and Biotechnology

Course Code
BBOT-34

Admission Year
AY-2017-18

Time: 1 Hour
Answer All Questions

Total Marks: 25

3×5=15 Marks

1. Classification of carbohydrates - sketcl (5).
2. Write about Amini acids (5).
3. Give an account on Recombinant DNA (5).

1×10=10 Marks

4. Write about Classification structure and function of emzymes (10).



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