



TAMIL NADU OPEN UNIVERSITY
School of Science

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

Course Plant Taxonomy and Economic Botany	Course Code BBOT-21	Admission Year AY-2017-18
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Time: 1 Hour

Total Marks: 25

Answer all questions.

3×5=15 Marks

1. Write about morphological structure of flower and its types.
2. Give and account on principles of nomenclature.
3. Write notes on Origin of crops.

1×10=10 Marks

4. Give detailed account characteristic features of *Poaceae*.



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

Course
Plant Anatomy and Embryology

Course Code
BBOT-22

Admission Year
AY-2017-18

Time: 1 Hour
Answer All Questions

Total Marks: 25

3×5=15 Marks

1. Explain different theories of meristem (5).
2. Write about nodal anatomy of dicot stem(5).
3. Give an account of structure and types of ovule(5).

1×10=10 Marks

4. Elaborate Secondary thickening in monocots and dicots (10).



TAMIL NADU OPEN UNIVERSITY

School of Science

B.Sc., Botany - Second Year

SPOT ASSIGNMENT (Ancillary Zoology)

Course Title	Course Code	Admission Year
Animal Diversity	BBOTA21	AY 2017-18

NOTE: Part A Contains 3 Questions and will carry 5 Marks each, Part B Contain 1 Question and will carry 10 Marks. Students are requested to write 150 words and should not exceed 2 pages each in Part A, 300 words and should not exceed 4 pages in Part B.

Part-A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. List out the general characteristic features of Invertebrate.
2. Draw the structure of paramecium and explain their feeding adaptations.
3. Describe the respiration mechanism of *Lemellidens*.

Part-B- Long Answer Questions

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the digestive system of Rabbit.

