



தமிழ்நாடு திறந்தநிலைப் பல்கலைக்கழகம்
Tamil Nadu Open University, Chennai
School of Sciences
Assignment

Programme Name	: Diploma in Science Laboratory Techniques
Course Code	: DSLT - 01
Course Name	: Laboratory Techniques in Physical Sciences - 01
Batch	: AY 2021- 2022
Maximum Marks	: 30 Marks

Long Answer Questions

(3 ×10 = 30 Marks)

1. Write about any five Measuring Instruments in detail with diagram
2. Discuss the Necessary Theory and Explain How to determine the Radius of the Newton's Rings
3. Explain the construction and working of Sin and Square Wave Generators

Note: Assignment (Internal): Assignment carries 30 Marks, consists of three descriptive type of questions for each Course (3 X 10 = 30 Marks). Learners are expected to write 3-5 pages in A4 sheet for each Question. Submission of Assignment is compulsory.



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Assignment

Programme Name	: Diploma in Science Laboratory Techniques
Course Code	: DSLT - 02
Course Name	: Chemistry Laboratory Techniques
Batch	: AY 2021- 2022
Maximum Marks	: 30 Marks

Long Answer Questions

(3 x 10 = 30 Marks)

1. Describe about the storage and handling of Chemicals.
2. Write note on the mass units and solution preparation in laboratory.
3. Explain about the requirement, organization and procurement of a chemical laboratory.

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Programme Name	: Diploma in Science Laboratory Techniques
Course Code	: DSLT - 03
Course Name	: Laboratory Techniques in Biological Sciences - 01
Batch	: AY 2021- 2022
Maximum Marks	: 30 Marks

Long Answer Questions

(3 ×10 = 30 Marks)

1. Give a detailed account on Microscope
2. Write the identification methods for lower plants with suitable diagrams
3. Write about the staining methods for bacterial samples with diagram

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Programme Name	:	Diploma in Science Laboratory Techniques
Course Code	:	DSLTL - 04
Course Name	:	Laboratory Techniques in Biological Sciences - 02
Batch	:	AY 2021- 2022
Maximum Marks	:	30 Marks

Long Answer Questions

(3 ×10 = 30 Marks)

1. Explain the components and purpose of Biology Laboratories.
2. Discuss in detail about the types of Microscopes and its application.
3. List out the Explain the equipment's used in the Zoology Laboratories.

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