



DEPARTMENT OF BOTANY
MANGALDAI COLLEGE, MANGALDAI
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Ref. No.

Date: 22/11/2024

NOTICE

It is for your information that a seminar is organized as per the G.U. Botany Syllabus for B.Sc. 3rd Semester (FYUGP) students at the department on 26/11/2024 (Tuesday). It is compulsory for all the students to participate in the seminar with their power point presentations.

Date of Seminar: 26/11/2024 (Tuesday)

Venue: Classroom no. 3 and 4, Department of Botany

Time: 10.00AM onwards

Topics with assigned Roll numbers (groups) are given below-

Sl. No.	Topics	Roll Nos. (US-231-250-) Botany(Major) & Chemistry (Major) Groups	Roll Nos. (US-231-250-) Zoology(Major)&3Minors Groups
1	Laboratory Safety Measures to be Followed in A Laboratory	0001,0002, 0003,0004	0212,0214,0215,0216
2	Laminar Air Flow Chamber: Working Principle and Uses	0005,0006, 0007,0008	0217,0221,0227,0228
3	Preparation of Different Types of Solutions	0009,0012,0013,0014	0262,0263,0264,0265
4	Microscopes: Types and Uses	0015,0016,0017,0019	0266,0267,0268,0269
5	Laboratory Code of Conduct for Lab Members	0020,0021,0022,0023	0270,0271,0272,0273
6	Methods of Data Collection	0024,0025,0026,0027	0274,0275,0277,0278
7	Bases: Definition, Types, Properties and Classification	0028,0029,0030,0031	0279,0280,0281,0282
8	Working Principles of Compound Microscope	0032,0033,0034,0035	0283,0284,0285,0286

9	Safe Handling of Chemicals, Instruments and Glass apparatus in Laboratory	0036,0037,0038,0039	0287,0288,0289,0290
10	Biological Databases	0040,0041,0042,0043	0291,0292,0293,0294
11	Acids, Bases and pH Scale	0044,0045,0046,0047	0295,0296,0297,0298
12	Working Principles of Electron Microscope	0048,0049,0050,0051	0299,0300,0301,0302
13	Different Systems of Units of Measurements	0052,0054,0055,0057	0304,0305,0306,0307
14	Agarose Gel Electrophoresis Unit	0058,0061,0062,0063	0308,0260,0261
15	Definition, Types, Properties of Buffer Solutions	0066,0068,0070,0071	
16	Sample and Slide Preparation for Light Microscope	0074,0076,0077,0078	
17	Classification and Uses of Different Culture Media	0079,0080,0081,0082	
18	General Concept and Idea of Mean, Median and Mode	0083,0085,0091	
19	Acids: Uses, Properties and Classifications	0173,0175,0184,0188	
20	Techniques of Preparation of Herbarium Specimens	0196,0199,0201,0205	

N. B.

- 1) The Seminar presentation is compulsory for all.
- 2) Roll numbers mentioned in a block with assigned topic will be termed as one group.
- 3) Each group will prepare and could present maximum 10 slides in the presentation.
- 4) It is compulsory for each member of a group to participate in the presentation.
- 5) Each group will get maximum 5 minutes for their presentation.



(Dr. Sahabuddin Ahmed)
HoD
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