

SUMMARY OF LESSON PLANS OF COLLEGE FACULTY

NAME OF THE COLLEGE: GOVERNMENT COLLEGE MAHINDERGARH | ACADEMIC SESSION: 2022-23 |
SEMESTER: ODD/EVEN B.Sc. 1st SEM | Paper 1.1

| SR. NO | NAME OF ASSISTANT PROFESSOR | MONTHS | TOPICS/CHAPTERS TO BE COVERED | ACADEMIC ACTIVITY TO BE ORGANIZED | TOPIC OF ASSIGNMENTS/ TEST TO BE GIVEN TO THE STUDENTS |
|--------|-----------------------------|----------------------|---|---|--|
| 1 | ARUN BHARAT (BOTANY) | August/ September | General characters: Viruses. Viruses: General account of Viruses including structure of TMV and Bacteriophages | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-1 |
| 2 | | October | Algae nutrition, reproduction and economic importance ; life-history of Nostoc, Volvox, Oedogonium | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-2 |
| 3 | | November | Algae General characters, classification (upto classes) and economic importance chara, vaucheria, ecto | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-3 |

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SEMESTER: ODD/EVEN B.Sc 3rd SEM | Paper 3.1 |

| SR. NO | NAME OF ASSISTANT PROFESSOR | MONTHS | TOPICS/CHAPTERS TO BE COVERED | ACADEMIC ACTIVITY TO BE ORGANIZED | TOPIC OF ASSIGNMENTS/ TEST TO BE GIVEN TO THE STUDENTS |
|--------|-----------------------------|------------------|---|--|--|
| 1 | ARUN BHARAT (BOTANY) | August/September | Diversity in plant forms Tissues- Meristematic and permanent The shoot system | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-1 |
| 2 | | October | Secondary growth in dicot stem Leaf- atypes of leaves Epidermis Anatomy of typical monocot and dicot leaf and stomatal apparatus | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-2 |
| 3 | | November | Root System- Monocot and Dicot root system Secondary growth in root system Structural modification in roots storage, respiratory, epiphytic. | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-3 |

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NAME OF THE COLLEGE: GOVERNMENT COLLEGE MAHINDERGARH

ACADEMIC SESSION: 2022-23

SEMESTER: ODD/EVEN B.Sc 5th SEM

Paper 5.1

| SR. NO | NAME OF ASSISTANT PROFESSOR | MONTHS | TOPICS/CHAPTERS TO BE COVERED | ACADEMIC ACTIVITY TO BE ORGANIZED | TOPIC OF ASSIGNMENTS/ TEST TO BE GIVEN TO THE STUDENTS |
|--------|-----------------------------|------------------|---|--|--|
| 1 | ARUN BHARAT (BOTANY) | August/September | Plant-water relations: Plant Physiology, General View Mineral nutrition: A Vital role in Plant Growth, Plant-water relations: Importance of water to plant life; physical properties of water; imbibition, diffusion and osmosis; absorption and transport of water; | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-1 |
| 2 | | October | Transpiration; physiology of stomata. Mineral nutrition Growth and Development Photoperiodism Photoperiodism | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-2 |
| 3 | | November | Plant hormones- Community ecology Ecosystem Biogeochemical cycle | PROBLEMS AND REVISION GROUP DISCUSSION | MONTHLY TEST ASSIGNMENT-3 |