

B.Sc. Botany IIIrd Semester

Practical examination (DSCC)

Paper-III: Plant Anatomy and Development Biology

Model Question Paper for Practical Examination

Duration: 3hrs

Max Marks- 25

1. Identify and write the features of specimens **A&B.** **2x3 = 6**
(Pollen morphology/Microsporogenesis/Megasporogenesis/ovules)
2. Perform experiment " C" Show the preparation to the examiners **1x4 = 4**
(Endosperm/Embryo Mounting)
3. Identify & Comment on **D & E.** **2x3 = 6**
(Stem/Root /Normal /Anomalous Secondary Growth)
4. Identify, Sketch and label material **F.G & H** **3x 2=6**
(Slides/Photomicrographs)
5. Viva-voce **03 marks**

B.Sc. Botany IIIrd Semester

Practical examination (DSCC)

Paper-III: Plant Anatomy and Development Biology

Scheme of Evaluation for Practical Examination

Duration: 3hrs

Max Marks- 25

- | | |
|--|------------------|
| 1. Identify and write the features of the specimen 'A&B'
(Identification -1, Diagram & Label – 1, Notes – 1) | 2 x 3 = 6 |
| 2. Perform experiment " C" Show the preparation to the examiners
(Preparation- 2, Diagram & Label-1, Notes-1) | 1x4 = 4 |
| 3. Identify the slides and comment on specimen D & E
(Identification -1, Notes -2) | 2 x 3 = 6 |
| 4. Identify, Sketch and label material F.G & H
(Identification -1, Notes -2) | 3 x 2 = 6 |
| 5. Viva-voce | 03 |

B.Sc. Botany IIIrd Semester
Practical examination (DSCC)
Paper-III: Plant Anatomy and Development Biology

Question paper pattern for practical Internal Assessment test

Duration: 3hrs

Max Marks- 25

Part-A

1. Identify and write the feature of specimen **A**. **1 x 2 =2**
(Histology / Embryology)
2. Prepare the temporary stained slide '**B**' and show it to the examiner. **1 x 3= 3**
(Anatomy)
3. Identify the slides and comment **C, D**. **2.5 x2= 5**
(Slides/Photomicrograph)

Part - B

Marks distribution for maintenance of Record - **15 marks**

1. Practical record- 10 marks
2. Field / Tour report submission -5 marks

B.Sc. Botany IIIrd Semester
Practical examination (DSCC)
Paper-III: Plant Anatomy and Development Biology

Scheme of Evaluation for practical Internal Assessment test

Duration: 3hrs

Max Marks- 25

Part - A

1. Identify and write the silent features of the specimen 'A' **1 x 3 = 2**
(Identification & Diagram – 1, Comments– 1)
2. Perform experiment " C" Show the preparation to the examiners **1x3 = 3**
(Preparation- 1, Diagram & Lable-1, Notes-1)
3. Identify the slides and comment **C, D.** **2.5 x2= 5**
(Identification -1, Comments -1.5)

Part - B

Max – 15 marks

Practical record	-	10 marks
Submission of Field report	-	05 marks

B.Sc. Botany IVth Semester

Practical examination (DSCC)

Paper-IV: Ecology and Conservation Biology

Model Question Paper for Practical Examination

Duration: 3hrs

Max Marks- 25

1. Identify and write the features of **A&B.** **2x3 = 6**
(Ecological Instruments / Ecological Groups)
2. Perform experiment " C" Show the preparation to the examiners **1x4 = 4**
(BOD/COD/Soil Texture/Water Holding capacity)
3. Identify & Comment on **D & E.** **2x3 = 6**
(Vegetation/Ecosystem)
4. Identify, Sketch and label material **F.G & H** **3x 2=6**
(Soil P^H /Salinity/ P^H of Water Samples/Remote Sensing)
5. Viva-voce **03 marks**

B.Sc. Botany IVth Semester
Practical examination (DSCC)

Paper-IV: Ecology and Conservation Biology

Scheme of Evaluation for Practical Examination

Duration: 3hrs

Max Marks- 25

- | | |
|---|------------------|
| 1. Identify and write the features of the specimen ‘ A&B ’
(Identification -1, Diagram & Label – 1, Notes – 1) | 2 x 3 = 6 |
| 2. Perform experiment " C " Show the preparation to the examiners
(Preparation- 2, Diagram & Label-1, Notes-1) | 1x4 = 4 |
| 3. Identify the slides and comment on specimen D & E
(Identification -1, Notes -2) | 2 x 3 = 6 |
| 4. Identify, Sketch and label material F.G & H
(Identification -1, Notes -2) | 3 x 2 = 6 |
| 5. . Viva-voce | 03 |

B.Sc. Botany IVth Semester
Practical examination (DSCC)
Paper-IV: Ecology and Conservation Biology

Question paper pattern for practical Internal Assessment test

Duration: 3hrs

Max Marks- 25

Part-A

- | | |
|---|------------------|
| 1. Identify and write the features of A .
(Ecological Instruments / Ecological Groups) | 1x2 = 2 |
| 2. Perform experiment " B " Show the preparation to the examiners
(BOD/COD/Soil Texture/Water Holding capacity) | 1x3 = 4 |
| 3. Identify & Comment on C & D .
(Vegetation/Ecosystem) | 2x2.5 = 5 |

Part - B

Marks distribution for maintenance of Record

- 15 marks

1. Practical record- 10 marks
2. Field / Tour report submission -5 marks

B.Sc. Botany IVth Semester
Practical examination (DSCC)
Paper-IV: Ecology and Conservation Biology

Scheme of Evaluation for practical Internal Assessment test.

Duration: 3hrs

Max Marks- 25

Part - A

- | | |
|---|------------------|
| 1. Identify and write the silent features of the specimen 'A'
(Identification & Diagram – 1, Comments– 1) | 1 x 2 = 2 |
| 2. Perform experiment " C" Show the preparation to the examiners
(Preparation- 1, Diagram & Lable-1, Notes-1) | 1x3 = 3 |
| 3. Identify the slides and comment C, D.
(Identification -1, Comments -1.5) | 2.5 x2= 5 |

Part - B

Max – 15 marks

Practical record	-	10 marks
Submission of Field report	-	05 marks