

MOUNT CARMEL PU COLLEGE, BENGALURU

I PUC MIDTERM PRACTICAL EXAM 2026

DEPARTMENT OF BIOLOGY

DATE: October 19-25th

1. Prepare a temporary slide of Epidermal Peel of given leaf material **A** and draw a labelled diagram of **STOMATAL APPARATUS**. (5M)

2. Identify the given plant **B1** and write its scientific name with a minimum of 8 characters

OR

Identify the given plant **B2** and write its scientific name. Derive its **Floral formula** and **Floral diagram**.

OR

(5M)

Identify **B3** and **B4** and comment on the same

3. Conduct a suitable biochemical test for carbohydrates/ protein/starch of sample **C** and report the result. (3M)

4. Identify, comment on the aim and principle of physiological experiment **D** (3M)

5. Identify and comment on the **E**. (animal specimen). (2M)

6. Identify, classification, and comment on **F** (animal specimen). (2M)

7. **ATTENDANCE** (5M)

8. **PRACTICAL RECORD** (5M)

**Head of the Department
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**Principal
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SYLLABUS FOR PRACTICAL EXAM 2026

1. **A - Stomatal apparatus**

1. 2. **B- B1- Family name and characters**

B2- Family name, floral diagram, floral formula

B3- Racemose inflorescence

B4-Cymose inflorescence

3. **C- Biochemical test- glucose test, Protein test, Starch test.**

4. **D- Physiological experiments**

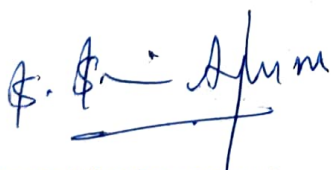
- Paper chromatography
- Anaerobic respiration
- Phototropism
- Transpiration pull

5. **E- Animal specimens (Zoology)**

6. **F- Animal specimens (Zoology)**

7. **Attendance**

8. **Record**



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INSTRUCTIONS FOR PRACTICAL EXAMS 2026

- KINDLY REPORT AND ASSEMBLE IN ROOM NO. 301, ONE AND HALF HOUR BEFORE THE SCHEDULED TIME.
- KINDLY WEAR YOUR ID CARD AND CARRY YOUR HALL TICKET.
- WEAR COMPLETE UNIFORM.
- CARRY YOUR LAB COAT, RECORD, STATIONERY (FORCEPS, NEEDLE, BLADE, PAINT BRUSH).
- TRANSPARENT PENCIL POUCHES ALLOWED.
- MOBILE PHONES, SMART WATCHES AND SCIENTIFIC CALCULATORS ARE NOT ALLOWED ON THE CAMPUS.
- PLEASE ENSURE YOUR HAIR IS TIED IN A PONYTAIL.
- ANY FORM OF MALPRACTICE WILL GET YOU DEBARRED.



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