

A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester - IV) Internal Examination - 2026
COURSE CODE : US04MIBOT01

COURSE : PLANT MORPHOLOGY AND TAXONOMY(MINOR BOTANY)

Date : 10/03/2026 TUESDAY
Time : 2.45 P.M. to 3.45 P.M.

Total marks : 20

Q. 1 Multiple choice questions.



06

1. It is a thin, long stalk that joins the leaf blade to the stem.
(a) Pedicel (b) Petiole (c) Axis (d) Stem
2. Free lateral stipules are present in.....
(a) China rose (b) Rose (c) Sweet pea (d) Smilax
3. Tristichous Phyllotaxy is present in
(a) Hibiscus (b) Apple (c) Grasses (d) Cyperus
4. This is the male reproductive organ and is also known as.....
(a) Androecium (b) Gynoecium (c) Perigynous (d) Hypogynous
5. Stamens are attached to the petals is known as
(a) Episepalous (b) Epitepalous (c) Gynandrous (d) Epipetalous
6. These are seedless fruits that are formed without fertilization.
(a) Parthenocarpic fruits (b) False Fruits (c) Aggregate fruits (d) Composite fruits

Q-2 Write a short note on : Racemose Inflorescence and its types.

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OR

Q-2 Write a short note on : Types of stipules and their modifications.

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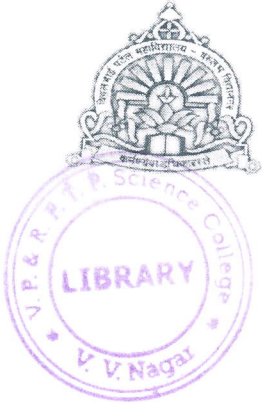
Q-3 Write a short note on : Flower as a modified shoot.

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OR

Q-3 Describe the family Solanaceae.

07



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B. Sc. (Semester - IV) Quiz – 2026 (Internal Examination)
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TITLE : PLANT MORPHOLOGY AND TAXONOMY(MINOR BOTANY)

Date : 10/03/2026 TUESDAY

Time : Maximum 10 minutes

Total marks : 05

Q-1 Fill in the blanks with appropriate answer given in the bracket. OR
Answer with either true or false.

- (i) In a pair of leaves are present just opposite to each other at each node. (Hibiscus / Calotropis)
- (ii) is an example of special types of inflorescence. (Cyathium / Racemose)
- (iii)are specialized, modified leaves found at the base of flowers or flower clusters (Bracts / Stipules)
- (iv) A seed is a reproductive unit of a non-flowering plant. (True / False)
- (v) Zygomorphic flower can be divided into two mirror-image halves by only one specific plane. (True / False)