

A Charutar Vidya Mandal's institution
V.P. & R.P.T.P SCIENCE COLLEGE
(ATONOMOUS) (Grant-in-Aid) Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120
Bachelor of Science (Semester 4) EXTERNAL EXAMINATION- 2026
US04MIBOT01 (BOTANY) (Plant Morphology and Taxonomy)

Time: 1.45 PM to 3.15 PM
Date: 27/03/2026 Day: Friday

Marks:-25

Q-1 MULTIPLE CHOICE QUESTIONS

(05)

- (1) Stalk of leaf is called _____.
(a) Stipule (b) Tendril (c) Petiole (d) Pedicel
- (2) Sunflower is an example of _____ inflorescence.
(a) Spadix (b) Catkin (c) Capitulum (d) None of these
- (3) Flower is modified _____.
(a) Stem (b) Root (c) Shoot (d) Leaf
- (4) Monadelphous stamens are found in _____ family.
(a) Cucurbitaceae (b) Malvaceae (c) Solanaceae (d) All of these
- (5) Single unit of calyx is called _____.
(a) Petal (b) Sepal (c) Tepal (d) Pistil



- Q-2 Describe: (a) Types of phyllotaxy with examples. (07)
(b) Types of palmate compound leaf. (03)

OR

- Q-2 (a) Explain Racemose inflorescence and its types. (07)
(b) Sketch and label typical leaf. (03)

- Q-3 (a) Describe different types of placentation. (07)
(b) Sketch and label L.s of typical flower. (03)

OR

- Q-3 Describe: (a) General characters of Malvaceae family. (07)
(b) Types of multiple fruit. (03)