



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 VI) Internal Examination - 2026
 CODE : US06MABOT02 TITLE : ANGIOSPERM PLANT SYSTEMATICS (BOTANY)

Date : 7/03/2026 SATURDAY

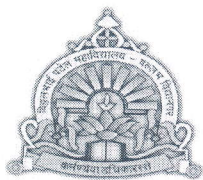
Time : 10.45 A. M. - 12.15 P. M.

Total marks : 30

Note: Figures to the right indicate marks of the question.

- Q-1** Write the most appropriate answer from the following multiple-choice questions. [06]
- 1 Who defined systematics as a scientific study of organisms ?
 (a) Hooker (b) Stachy
 (c) Simpson (d) Adinson
 - 2 The standard size of herbarium sheet is
 (a) 28.75 X 41.25cm (b) 11.25 x 75 cm
 (c) 25 x 28.5cm (d) 25.5 x 75 cm
 - 3 Which one is a correct ?
 (a) mangifera indica (b) MANGIFERA INDICA
 (c) Mangifera Indica (d) Mangifera indica
 - 4 Linnaeus is credited with the following.
 (a) Concept of inheritance (b) Theory of heredity
 (c) Binomial nomenclature (d) Law of Limiting factor
 - 5 Who defined the term "primitive character"?
 (a) Darwin (b) Simpson
 (c) Mayr (d) Sporne
 - 6 A Clade is a group of organisms that consists of a.....
 (a) single ancestor (b) common ancestor
 (c) different ancestor (d) none of these
- Q-2** Write a short note on Multi-access key. [06]
 OR
- Q-2** Write the Definition and functions of Herbarium. [06]
- Q-3** Write a short note on Taxonomic species concept. [06]
 OR
- Q-3** Write the Full form, principles and rules of ICBN. [06]
- Q-4** Discuss : Cladistics classification approach. [06]
 OR
- Q-4** Discuss : Bentham and Hooker's System of classification up to series. [06]
- Q-5** Explain : Homology and Analogy terms with suitable example. [06]
 OR
- Q-5** Write the distinctive features and co-evolution of Angiosperms. [06]





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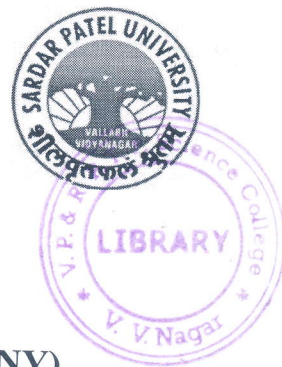
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VALLABH VIDYANAGAR-388120

Bachelor of Science (Semester VI) Quiz - 2026

CODE : US06MABOT02



TITLE : ANGIOSPERM PLANT SYSTEMATICS (BOTANY)

Date : 7/03/2026 SATURDAY

Time : 20minutes

Total marks : 15

Q-1 Fill in the blanks with appropriate answer given in the bracket.

[08]

- (i) In Greek word "angios" means(Vessel / Tracheid's)
- (ii) The term "Taxonomy was coined by (Linnaeus / A.P. de Candolle)
- (iii) Taxonomic hierarchy was first given by..... (Linnaeus / Simpson)
- (iv) Suffix of the Division is.....(ales / ones)
- (v) System of classification used by Linnaeus was.....(Natural system / Artificial system)
- (vi) A taxa concept initiated is by..... (M. Adansons / Hutchinson)
- (vii) Angiosperms evolved during the late..... period. (Cretaceous / Mesozoic)
- (viii) Family tree is represented by..... (Arboretum / Cladogram)

Q-2 Whether the following statement is true or false. Write your answer in the box.[07]

- (i) The highest evolved plants on the surface of the earth are Gymnosperm. []
- (ii) One of the largest herbarium is located in Kew. []
- (iii) Whitaker suggested Seven Kingdoms classification system. []
- (iv) The Latin name of onion is Sativum. []
- (v) Bentham and Hooker classified 202 families. []
- (vi) The term cladistic was coined by Bessey. []
- (vii) Dicta means clade. []