

C.U.SHAH UNIVERSITY

Wadhwan City

Subject Code **4SC01BOC1**

Summer Examination-2014

Date: 27/05/2014

Subject Name: **Botany-I**

Branch/Semester:- B.Sc(Pure Science)/I

Time:10:30 To 1:30

Examination: Remedial

Instructions:-

- (1) Attempt all Questions of both sections in same answer book / Supplementary
- (2) Use of Programmable calculator & any other electronic instrument is prohibited.
- (3) Instructions written on main answer Book are strictly to be obeyed.
- (4) Draw neat diagrams & figures (If necessary) at right places
- (5) Assume suitable & Perfect data if needed

SECTION – 1

- Q.1 Write the answers of the following questions. 07**
1. Which chemical medium is used to preserve the green parts of the plant? 01
 2. Define : taxonomy 01
 3. Draw the diagram of free central placentation. 01
 4. Write example of Protozoa and animalia. 01
 5. What is Aggregate fruit? 01
 6. What is hirsute? Define the term. 01
 7. What is epigynous , perigynous flower? 01
- Q.2 Write the Answers in brief . 14**
- A) Write note on indehiscent dry fruit. 05
 - B) Discuss the term fossil. Write short note on plant fossils. 05
 - C) Write note on the types of classification. 04
- OR**
- Q.2 Write the Answers in brief. 14**
- A) Write brief note on the types of Androecium on the basis of its attachment of filament. 05
 - B) What is lamina base? Write brief note on its type . 05
 - C) Draw the chart of the stem Branching . 04
- Q.3 Write the Answers in brief. 14**
- A) Describe the method of preparation of herbarium. 07
 - B) Write note on the shape of the leaf. 07
- OR**
- Q.3 Write the Answers in brief. 14**
- A) What is embryo? Explain the development of embryo. 07
 - B) Write note on cymose inflorescence.. 07



SECTION-II

- Q.4 Write the answers of the following questions. 07**
1. Draw the diagram of modified stem-thorn diagram of Craetagus and give its name. 01
 2. Give plant name of Cypraceae family. 01
 3. Draw the electromagnetic spectrum for the photosynthesis. 01
 4. What is Raphides? 01
 5. Give example of an antibiotic. 01
 6. What is tendril? 01
 7. Define: Exalbuminiou Seed 01
- Q.5 Write the Answers of following questions. 14**
- A) Write note on calvin cyle 05
 - B) Write note on plants used for bio energy 05
 - C) Write note on taproot modification of root. 04
- OR**
- Q.5 Write the Answers of following questions. 14**
- A) What is stele? Describe its type. 05
 - B) Write note on types of erect stem and types of weak stem. 05
 - C) Write the systematic position of family Asclepediaceae as per classification method of Smith. 04
- Q.6 Write the Answers of following questions. 14**
- A) Discuss the cyclic and noncyclic photosynthesis. 07
 - B) Write note on Ergastic matter . 07
- OR**
- Q.6 Write the Answers of following questions 14**
- A) Write note on fiber material as plant resource , management and utilization. 07
 - B) Describe Family : Caparideaceae 07

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