

**K.T.S.P. Mandal's
Sahebraoji Buttepatil Mahavidyalaya, Rajgurunagar
Dept of Botany
F.Y.B.Sc. Botany CBCS Pattern-2019
Assignments for Practical Exam- 2020-21
Marks - 70**

- *Instruction: Submit given assignment on Google classroom (Code-bedzin7 Or Link- <https://classroom.google.com/c/MTgwMDU2MzQ0NDg4?cjc=bedzin7>) in Proper manner.*
 - *Write any One question from Q1, Q2 and Q3*
 - *Write any One question from Q5, Q6 and Q7*
 - *Write any One question from Q8, Q9 and Q10*
 - *Write your Name, Class, name of Paper and seat number on assignment*
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1. Study of Life Cycle of *Spirogyra*- Describe, Sketch and label Vegetative cell structure.---20M

OR

2. Study of Life Cycle of *Agaricus*- Describe, Sketch and label thallus structure

OR

3. Study of Life Cycle of *Riccia* -Describe Sketch and label thallus morphology and T. S. Of thallus.

4. Study of forms of Lichens- Crustose, Foliose and fruticose. -Describe, Sketch and label thallus structure---10M

5. Study of Inflorescence. ---20M

a. Racemose: Raceme, Spike, Spadix, Catkin, Corymb, Umbel and Capitulum b. Cymose: Solitary cyme, Uniparous cyme: helicoid and scorpioid, Biparous cyme and Multiparous cyme. c. Special type: Verticillaster, Hypanthodium and Cyathium.

OR

6. Study of flower with respect to Calyx, Corolla and Perianth, Androecium and Gynoecium.

OR

7. Study of fruits with suitable examples.

- a) Simple fruit: Dry: Achene, Cypsella and Legume; Fleshy: Berry and Drupe.
- b) Aggregate fruit: Etaerio of follicles and Etaerio of Berries.
- c) Multiple fruit: Syconus and Sorosis.

8. Study of internal primary structure of dicotyledonous root and stem e.g. Sunflower. Describe, Sketch and label T. S. Of Stem and root of Sunflower. ---20M

OR

9. Study of internal primary structure of monocotyledonous root and stem e.g. Maize. Describe, Sketch and label T. S. Of Stem and root of Maize.

OR

10. Study of internal primary structure of dicotyledonous and monocotyledonous leaf e.g. Sunflower and Maize. Describe, Sketch and label T. S. Of Leaf of sunflower and Maize.