

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

- **Instruction: Submit given assignment on Google classroom (Code-izb7jjj or Link-<https://classroom.google.com/c/MTYxODlyNTkyNzkw?cjc=izb7jjj>) in Proper manner.**
 - **All Questions are compulsory.**
 - **Write your Name, Class, name of Paper and seat number on assignment**
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Q1. Description of flowering plant in botanical terms ---10M

Q2. Study of plant families (Any 4) - Sketch and label Twig, all Floral Parts, T.s. of Ovary, Draw Floral Diagram and write floral formula---**20M**

1. Solanaceae
2. Myrtaceae
3. Rubiaceae
4. Amaryllidaceae

Q3. Study of ecological adaptations in Hydrophytes with any two examples ---**10M**

- a. Describe, Sketch and label Morphology of *Hydrilla* Plant and T. S. Of *Hydrilla* stem
- b. Describe, Sketch and label Morphology of *Eichhornia* Plant and T. S. Of *Eichhornia* root

Q4. Study of ecological adaptations in Xerophytes with any two examples----**10M**

- a. Describe, Sketch and label T. S. *Nerium* Leaf
- b. Describe, Sketch and label T. S. *Aloe vera* leaf

Q5. Submission of Photograph along with systematic position of any five weeds of the following (List of Weeds attached).----**20M**

1. *Argemone mexicana* L. Papaveraceae West Indies
2. *Boerhavia erecta* L. Nyctaginaceae Tropical America

3. *Cassia tora* L. Caesalpiaceae South America
4. *Datura innoxia* Mill. Solanaceae Tropical America
5. *Euphorbia hirta* L. Euphorbiaceae Tropical America
6. *Lantana camara* L. Verbenaceae Tropical America
7. *Parthenium hysterophorus* L. Asteraceae Tropical America
8. *Portulaca oleracea* L. Portulacaceae South America
9. *Portulaca oleracea* L. Portulacaceae South America
10. *Tridax procumbens* L. Asteraceae Tropical America
11. *Xanthium indicum* Koenig Asteraceae Tropical America

❖ Q1 to Q4 must be hand written and write Q5 on separate Ms word file or PDF