

**U.G. 3rd Semester Examination - 2021****BOTANY****[HONOURS]****Course Code : BOT-H-CC-P-07****(Reproductive Biology)****[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.*

1. Describe a suitable procedure for preparation of pollen grains for microscopic study. What is the importance of Tetrazolium test? 5+2

**OR**

With proper diagram represent the developmental stages of a dicot embryo, What is the role of suspensor in development of embryo? 5+2

2. Comment on the following:  $1\frac{1}{2}\times 2$
- a) Tapetum
- b) Tenuinucellate ovule

Draw a pantopororate pollen grain. Mention its NPC number. Cite an example. 3

3. Laboratory note book 5
4. Viva-voce 5