

U.G. 3rd Semester Examination - 2020**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 method to test viability of pollen grains.

7

OR

Observe the pollen grain germination data in three different media and comment on most suitable medium.

7

Media no.	Total number of pollen grains tested	Number of pollen grains germinated
1.	43	39
2.	65	50
3.	54	37

2. Draw L.S. of an anatrophous ovule and label any three parts. 1.5+1.5

OR

Define the following: 1×3

- a) Aril
 b) Hypostase
 c) Pollinia
3. Laboratory note book. 5
4. Viva voce. 5