

U.G. 2nd Semester Examination - 2020

ZOOLOGY

[HONOURS]

Course Code : ZOOL/H/CC-P-04

Course Title : Cell Biology

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

2. Write down the method of temporary preparation to demonstrate any **one** from the following :
 - i) DNA by Feulgen reaction OR
 - ii) Cell viability by Trypan Blue staining 10
3. Submission of Laboratory Notebook. 5
4. Viva-voce. 5

1. Write down the procedure of preparation of any **one** of the following and mention the identifying characters of any **two** stages.
 - i) temporary stained squash of onion root tip to study stages of mitosis OR
 - ii) temporary stained squash of grasshopper testes to study stages of meiosis 5+2 $\frac{1}{2}$ +2 $\frac{1}{2}$

OR