

U.G. 2nd Semester Examination - 2021**ZOOLOGY****[HONOURS]****Course Code : ZOOL-H-CC-P-04****(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.*

1. Write down the identifying characters, with appropriately labelled diagram, of any two of the following –
 - a) Anaphase II
 - b) Leptotene
 - c) Metaphase I
 - d) Pachytene $2\frac{1}{2} + 2\frac{1}{2} = 5$
2. Write down the method of making a temporary preparation to demonstrate (any one):
 - a) DNA by Feulgen reaction.

- b) Cell viability by Trypan Blue staining 5

OR

3. Write down the method of making preparation of temporary stained squash of onion root tip. 5
 4. Laboratory Notebook. 5
 5. Viva-voce. 5
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[Turn Over]