

Roll No. :

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

MPZOO-03

M.Phil. Examination, 2022

ZOOLOGY

Paper - III

(iii) Cell Biology

Time : 3 Hours]

[Maximum Marks : 100

Note :- Answer any *five* questions out of eight. All questions carry equal marks.

1. Describe the fertilization mechanism in marine animal.
2. Write notes on the following :
 - (a) Cell Signalling
 - (b) RFLP
3. Explain protein synthesis mechanism in Prokaryotes.
4. Describe the various types of hypersensitivity reaction.

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5. Write notes on the following :
 - (a) AIDS
 - (b) Aging
6. Describe structure and types of Antibody.
7. Write a detailed note on basic requirement of animal cell culture.
8. Describe in detail about the technique required for amplification of DNA.