

Roll No. ....

**Y – 3157**  
**M.Sc. (Second Semester)**  
**EXAMINATION, May/June 2021**  
**ZOOLOGY**  
**Paper – 201**  
**(General and Comparative Animal Physiology)**

*Time : Three Hours*

*Maximum Marks : 85*

*Minimum Pass Marks : 29*

**Note :** Attempt *all* questions.

**Unit-I**

1. Describe various respiratory pigments in different phylogenetic groups. 17

**Unit-II**

2. Describe the physiology of the digestion in mammals. 17

**Unit-III**

3. Describe comparative account of heart in vertebrates. 17

**Unit-IV**

4. Describe the mechanism of phonoreception in different phylogenetic groups of the vertebrate. 17

**Unit-V**

5. Write an essay on the “stress and adaptation”. 17