

**POST GRADUATE DEGREE M.Sc. (ZOOLOGY)  
ADMISSION (2023-2024)**

**INSTRUCTION / MODEL OF ENTRANCE TEST**

**DEPARTMENT OF ZOOLOGY**

**Time: 90 minutes**

**Maximum Marks: 100**

**INSTRUCTIONS**

1. Keep the question book upside down. Do not open until you are instructed to do so.
2. You will be allowed 5 minutes time to inspect your question book and to make sure that it has no defects. Any defects in the question book (like missing page, printing defects etc.) should be brought to the attention of the invigilator within these 5 minutes.
3. You will be allowed exactly 90 minutes time to answer the questions.
4. Your answers must be entered only on the response sheet provided to you.
5. Enter your hall ticket number on your response sheet in the space provided. Double check to see that the number is entered correctly.
6. Do not write on the printed pages of the question book.
7. All questions are of multiple choice types with four alternative answers provided as options (A), (B), (C) and (D).
8. On the response sheet you will find the question numbers listed with (A), (B), (C) and (D) against each number.
9. Think, decide and then circle the answer. Avoid errors and making changes in response sheet.
10. Announcements will be made every 30 minutes and 5 minutes before the end of 90 minutes duration. At the end of 90 minutes duration you must immediately stop writing answers and keep the question book turned upside down on your desk.
11. The invigilator will collect the question book and the response sheet from your desk.



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1. One micron is equal to
 

A) 1 / 10 mm	B) 1 / 100 mm
C) 1 / 1000 mm	D) 1 / 10,000 mm
  
2. Antibody molecule are
 

A) Albumin	B) Polysaccharide
C) Globulin	D) Lipid
  
3. Hemolytic disease of the newborn is due to incompatibility in
 

A) ABO blood group	B) Serum protein
C) Platelets	D) Rh Factor
  
4. Human milk contain a high concentration of
 

A) Ig G	B) Ig A
C) Ig D	D) Ig M
  
5. Organizer theory was proposed by
 

A) Spemann and Mangold	B) Waddington
C) T.S Morgan	D) E.B Wilson
  
6. The type of accessory organ in *Clarius* is
 

A) Arborecent organ	B) Labyrinthiform
C) Lung	D) Skin
  
7. Charles Darwin published the 'Origin of Species' in the year
 

A) 1859	B) 1879
C) 1889	D) 1899
  
8. The diameter of DNA helix is
 

A) 10°A	B) 20°A
C) 100°A	D) 50°A
  
9. The pH of human saliva is
 

A) 6-7	B) 8-9
C) 9-10	D) 5-6
  
10. Which among the following is an exotic species in India
 

A) <i>Oreochromis mossambicus</i>	B) <i>Hilsa ilisha</i>
C) <i>Cyprinus mrigal</i>	D) <i>Labeo calbasu</i>



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