

2021  
M. Sc 1<sup>st</sup> Semester Examination  
ZOOLOGY  
Paper-ZOO 195 (Practical)

(Nonchordates, Chordates, Histochemistry & Animal Physiology)

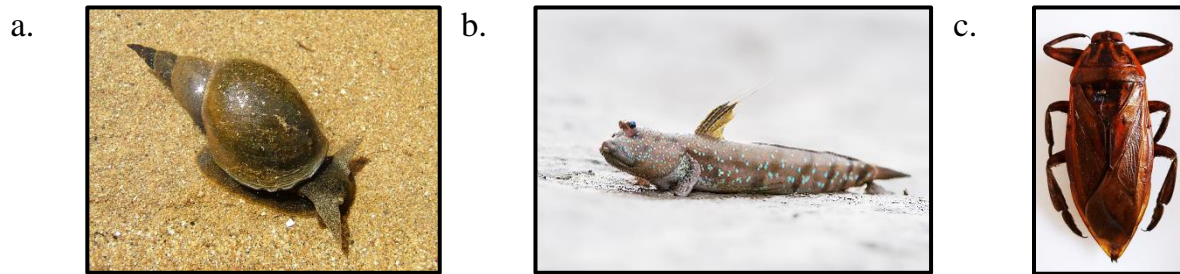
Full marks- 50

Time-2 hrs

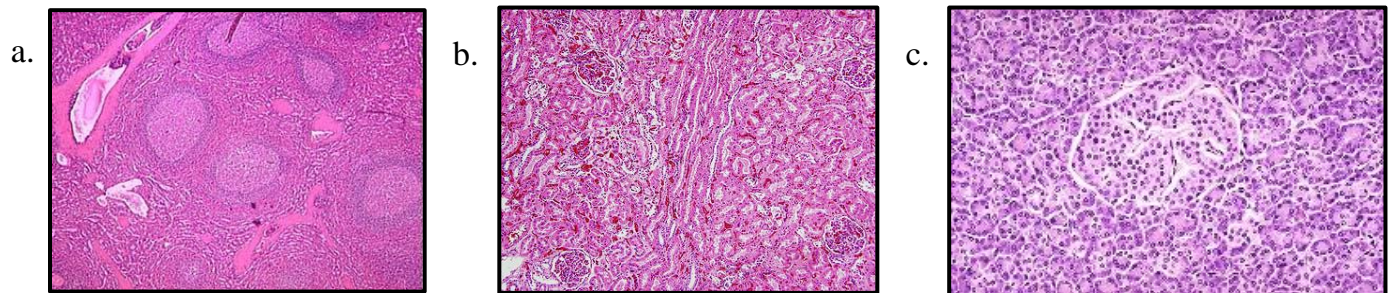
*The figures in the margin indicate full marks.*

*Candidates are required to give their answer in their own words as far as practicable. Illustrate the answer wherever necessary.*

1. Identify the specimens & mention the characters :(4×3=12)



2. Identify the histological slides with proper reasons :(4×3=12)



3. Draw a labelled diagram of reproductive system of *Achatina sp.* (5)

4. Write down the chemical composition & area of application of Bouin's fixative & Zenker's fixative. (2.5 + 2.5)

5. Write down the principle, procedure, & utility of gut movement in Rat under hypoxia using Dale's Apparatus. (1.5 + 3 + 1.5)

6. Laboratory Note Book. (5)

7. Viva-voice. (5)