

1m/ZOO-100 (Th) Syllabus-2023

2024

(December)

FYUP : 1st Semester Examination

MINOR

ZOOLOGY

(Taxonomy and Animal Diversity)

ZOO-100

Marks : 56

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer question No. **1** which is compulsory,
and any **four** from the rest

1. Briefly write on any *four* of the following :

3×4=12

- (a) Taxonomic hierarchy
- (b) Kingdom Chromista
- (c) External morphology of *Peripatus*
- (d) Classification of Annelida

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(Turn Over)

(2)

(e) Salient features of phylum Hemichordata

(f) Morphology of *Ascidia*

2. With the help of suitable illustrations, discuss the various modes of reproduction in *Paramecium*. $3+8=11$
3. Describe in detail the life cycle of *Taenia solium* with well-labelled diagrams. $8+3=11$
4. (a) Discuss the salient features of phylum Arthropoda. 5
(b) Briefly describe the urinogenital system in leech with suitable diagrams. 6
5. Discuss in detail the morphology and reproductive system in Prawn. $5\frac{1}{2}+5\frac{1}{2}=11$
6. Describe the water vascular system found in *Asterias* with a labelled diagram. $8+3=11$
7. Write on any two of the following : $5\frac{1}{2}\times 2=11$
 - (a) Morphology of *Sycon*
 - (b) Nervous system of *Pila*
 - (c) Minor Phyla
 - (d) Morphology of *Petromyzon*
