

2023/FYUG/ODD/SEM/ ZOODSM-101T/034

FYUG Odd Semester Exam., 2023 (Held in 2024)

ZOOLOGY ZOOLOGY

(1st Semester)

Course No. : ZOODSM-101T

Thornol of (Animal Diversity) doing of 3

Full Marks: 70

Pass Marks: 28

Time: 3 hours
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The figures in the margin indicate full marks for the questions

SECTION—A

Snowled do you mean by You son?

Answer ten questions, selecting any two from each
Unit: 2×10=20

10. Why the hordales all whown as funicates?

1. Mention the names of different locomotory organelles found in Protozoa.

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- 2. Write any two distinctive features of Porifera.

 To which class *Sycon* belongs? 1+1=2
- 3. What is Nematocyst? Which organism is also called Portuguese man of war? 1+1=2

(Turn Over)

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PERMITTED ARROTATION

UNIT—II

- 4. Mention the different classes of Platyhelminthes with one example from each class.
- 5. Write four distinctive characters of Nemathelminthes with examples.
- 6. In which organism clitellum is found?

 Mention its function.

 1+1=2

UNIT-III

- 7. Write the distinctive features of class Insecta with examples.
- 8. What do you mean by Torsion?
- 9. Write four salient features of Echinodermata.

UNIT-IV

- 10. Why Urochordates are known as Tunicates?

 Give one example.

 1+1=2
- Write two distinctive features of cyclostomes.Give one example of cyclostomes.1+1=2

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12. Differentiate between Anura and Urodela with examples.

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19. Describe the digestive avaient of leach with a

- 13. Mention four distinctive features of Aves with two examples.
- 14. Write salient features of Prototheria. Give one example of egg-laying mammal. 1+1=2
- 15. Differentiate between Marsupials and Placental mammals with examples.

21. Discuss water vascular system of starfish with diagram. A. MOITOJE. functions of

Answer *five* questions, selecting *one* from each
Unit: 10×5=50

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- 16. Describe the canal system found in Sycon with suitable diagram. Mention the functions of canal system.
- 17. What is coral reef? Mention the suitable conditions for formation of coral reef. Discuss different types of coral reef with suitable diagram.

 1+2+7=10

non-poisonous and TINU in examples 6-4-10

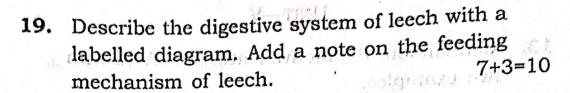
Differentiate between poisonous and

18. Describe the life cycle of Ascaris lumbricoides with suitable diagram. Add a note on Rhabditiform larva. 8+2=10

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(Turn Over)

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- 20. Discuss different types of visions found in Arthropoda with suitable illustrations. How apposition image differs from superimposition image? 8+2=10
- 21. Discuss water vascular system of starfish with diagram. Write important functions of water vascular system.

 6+2+2=10

UNIT-IV

- 22. What do you mean by osmoregulation?

 Illustrate the process of osmoregulation in marine fishes.

 2+8=10
- 23. What do you mean by parental care? Discuss the process of parental care in Amphibia with examples.

 2+8=10

different types of UNIT-Vo anget trouble

- 24. Describe the biting mechanism in snakes.

 Differentiate between poisonous and non-poisonous snakes with examples. 6+4=10
- 25. Discuss various anatomical and physiological adaptations in birds for flight. 10

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