

(FOR THE CANDIDATES ADMITTED

23UZY202

DURING THE ACADEMIC YEAR 2023

ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY 2024

BSC.ZOOLOGY

MAXIMUM MARKS: 75

SEMESTER

TIME : 3 HOURS

PART – III

23UZY202-CHORDATA

SECTION A

(10 X 1 =10)

ANSWER THE FOLLOWING QUESTIONS

1. Types of scales present in the *scoliodon* _____
a) Placoid b) Ganoid c) Ctenoid d) Cycloid
2. _____ is the extinct group of Amphibia
a) Anura b) Lissamphibia c) Labyrinthodontia d) Urodela
3. Bungarus is commonly known as _____
a) wood snake b) Krait c) Cobra d) Viper
4. The eyes of birds containing vascular body called _____
a) preen glands b) pecten c) synsacrum d) pygostyle
5. Pouched mammals comes under the subclass _____
a) Prototheria b) metatheria c) Eutheria d) Sirenia

ANSWER THE FOLLOWING IN ONE OR TWO SENTENCES:-(K2)

6. Pit nest
7. Nuptial pad
8. Pterosauria
9. Synsacrum
10. Ritia mirabilia

SECTION B

(5 X 5 = 25)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

- 11 a) Write a short note on general characters of *Herdmania pallida*

(OR)

- b) With a neat diagram explain the digestive system of Scoliodon

12. a) Write a note on girdles of Amphibia

(OR)

- b) Describe the heart of *Rana hexadactyla*

13. a) Write a note on poisonous snakes of India

(OR)

b) With a neat diagram, explain the reproductive system of Calotes

14. a) Write a note on respiratory system of birds

(OR)

b) Write a short note on Brain of birds

15. a) Write a short note on salient features of Metatheria

(OR)

b) With a neat diagram, explain the Heart of *Oryctolagus cuniculus*

SECTION C

(5 X 8 = 40)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 OR K5)

16. a) Write an essay on outline classification of chordata up to class level with example

(OR)

b) Write an essay on parental care in fishes

17. a) With a neat diagram explain the excretory system of frog

(OR)

b) Write a essay on origin of Amphibia

18. a) Explain the poison apparatus and biting mechanism in Snakes

(OR)

b) Write an essay on first aid for snake bite

19. a) Write an essay on flight adaptation in birds

(OR)

b) Explain the migration in Birds

20 a) Write a salient features of Eutheria

(OR)

b) With a neat diagram, describe the excretory system of *Oryctolagus cuniculus*

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