

C 40658

(Pages : 2)

Name.....

Reg. No.....

SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2023

(CBCSS—UG)

Zoology

ZOL 6B 10 T—PHYSIOLOGY AND ENDOCRINOLOGY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A

I. Short Answer questions. Each question carries 2 marks :

- 1 What is Haldane effect ?
- 2 Comment on the role of vitamin K in blood clotting.
- 3 What is Tetanus ?
- 4 What is neuromuscular junction ?
- 5 Explain Flatulence.
- 6 Write notes on is bradycardia.
- 7 What is Proteinuria ?
- 8 Differentiate osmoconformers and osmoregulators.
- 9 What is ESR ?
- 10 Differentiate Diabetes mellitus from Diabetes insipidus.
- 11 What is the role of CCK-PZ ?
- 12 What is rigor mortis ?

(Ceiling : 20 marks)

Section B

II. Paragraph Questions. Each question carries 5 marks :

- 13 Describe the transport of Carbon dioxide in the body.
- 14 Describe the steps involved in the coagulation of blood.

Turn over

- 15 Give an account of contractile proteins in the muscle fibre.
- 16 Explain synaptic transmission of nerve impulses.
- 17 Comment on benefits of breast feeding.
- 18 Explain Renin-Angiotensin mechanism.
- 19 Explain the hormonal control of kidney functions.

(Ceiling : 30)

Section C

III. Essay questions. Answer any *one* question :

- 20 Explain the physiology of urine formation.
- 21 Write an essay on nerve impulse transmission

(1 × 10 = 10)