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Reg. No.....

Name.....

M.Sc. DEGREE (C.S.S.) EXAMINATION, NOVEMBER 2019

Third Semester

Faculty of Science

Branch VIII : Zoology

ZY 3C T11—ANIMAL PHYSIOLOGY

(2012–2018 Admissions)

Time : Three Hours

Maximum Weight : 30

Section I (Short Answer Type Questions)

Answer any **ten** *out of twelve.*
Weight 1 *each.*

1. Leptin.
2. Somatic Muscles.
3. ECG.
4. Haemopoiesis.
5. Blood Pressure.
6. Respiration in High Altitude.
7. Dialysis.
8. Alkalosis.
9. Pain receptors.
10. Fatigue.
11. Hibernation.
12. Pregnancy.

(10 × 1 = 10)

Section II (Short Essay Types Questions)

Answer any **five** *questions out of eight.*
Weight 2 *each.*

13. Foetal and Neonatal respiration.
14. Hormonal regulation of Urine formation.
15. Neuromuscular junction.

Turn over

16. Organs of equilibrium.
17. Mechanism of muscle contraction.
18. Temperature regulation in Poikilotherms.
19. Physiological role of Thyriod Gland.
20. Physiology of Implantation.

(5 × 2 = 10)

Section III (Long Essay Type Questions)

Answer any **two** *out of three.*
Weight 5 each.

21. Structure and functions of Human Digestive System.
22. Anatomy of Human Heart.
23. Structure of Nephron.

(2 × 5 = 10)