

24U221

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Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2025

(FYUGP)

CC24UZOO2MN101 - INTRODUCTORY HUMAN PHYSIOLOGY

(Zoology - Minor Course)

(2024 Admission - Regular)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 3 marks.

1. Summarize the consequences of pneumonia. [Level:2] [CO2]
2. Discuss the importance of hemoglobin. [Level:2] [CO2]
3. Define residual volume. [Level:1] [CO2]
4. Discuss the procedure of ECG. [Level:2] [CO2]
5. Discuss the functions of neuron. [Level:2] [CO3]
6. Define myelinated nerve fibre. [Level:1] [CO3]
7. Discuss the structure of skeletal muscle. [Level:2] [CO3]
8. Define neurotransmitters. [Level:1] [CO3]
9. Define ketonuria. [Level:1] [CO4]
10. Discuss the formation of urine. [Level:2] [CO4]

(Ceiling: 24 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. Discuss cellular biology and environmental biology. [Level:2] [CO1]
12. Explain the terms - bradycardia and myocardial infarction. [Level:2] [CO2]
13. Explain the functions of platelets. [Level:2] [CO2]
14. Explain the role of sodium ions in nerve impulse transmission. [Level:2] [CO3]
15. Explain the benefits of exercise. [Level:2] [CO3]
16. Discuss the key components of digestive system. [Level:2] [CO4]

17. Explain Cachexia and Anorexia nervosa.

[Level:2] [CO4]

18. Discuss the role of kidney in osmoregulation.

[Level:2] [CO4]

(Ceiling: 36 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

19. Describe the components of the body system.

[Level:2] [CO1]

20. Describe the hormonal control of digestion.

[Level:2] [CO4]

(1 × 10 = 10 Marks)
