

QP CODE: D2BZL2403	(Pages: 2)	Reg. No :
		Name :
SECOND SEMESTER FYUGP EXAMINATION, APRIL 2025		
MINOR COURSE		
ZOO2MN101 : INTRODUCTORY HUMAN PHYSIOLOGY		
(Credits: 4)		
Time: 2 Hours	Maximum Marks: 70	
Section A		
Answer the following questions. Each carries 3 marks (Ceiling: 24 marks)		
1. Describe Anthropometry and mention its significance	BL2	CO1
2. Differentiate between the physiological mechanisms of tingling and tickling.	BL2	CO4
3. Describe the role of calcium ions in muscle contraction.	BL1	CO4
4. Write a note on villi.	BL2	
5. Explain Saltatory conduction.	BL1	CO4
6. How does exercise help in managing stress?	BL3	CO4
7. A person is fitted with an artificial pace maker. Figure out the reason?	BL3	CO2
8. How can a histological study help in differentiating muscle types?	BL3	CO4
9. Distinguish between Haemostasis and haemopoiesis?	BL4	CO5
10. What is the role of the loop of Henle in urine concentration?	BL1	CO6
Section B		
Answer the following questions. Each carries 6 marks (Ceiling: 36 Marks)		
11. Explain the importance of nutrition in pregnancy.	BL2	
12. Explain the physiological mechanism involved in cardiac arrest.	BL2	CO3
13. Discuss the causes, symptoms and management of COPD.	BL2	CO3
14. Explain different types for Dialysis.	BL2	CO1, CO6
(PTO)		

15. Illustrate how the oxygen dissociation curve changes with factors such as pH and temperature.	BL3	CO3
16. Briefly explain the mechanism of O ₂ transpiration.	BL2	CO3
17. Analyze the effects of high altitude on the respiratory system and how the body adapts over time.	BL4	CO2
18. Define negative feedback with an example.	BL1	CO1
Section C		
Answer any one question. Each carries 10 marks (1 x 10 = 10 Marks)		
19. How does ammonia get converted into urea in the urea cycle?	BL1	CO6
20. Illustrate how the nervous and chemical control mechanisms regulate the process of respiration.	BL1	CO2
CO : Course Outcome		
BL : Bloom's Taxonomy Levels (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)		