

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0325]

MARCH 2025

Sub. Code: 1605

FIRST PROFESSIONAL B.H.M.S. DEGREE EXAMINATION

(Candidates admitted for the academic year 2023-2024 batch)

(New Regulation - 2022-2023)

PAPER V – (HomUG-PB) HUMAN PHYSIOLOGY AND BIOCHEMISTRY - II

*Q.P. Code: 581605*

Time: 15 Minutes

Answer ALL questions

Maximum: 10 Marks

Choose one correct answer in the box provided in the Answer Script. No overwriting should be done. Choice should be given in Capital Letters.

I. Multiple Choice Questions:

(10 x 1 = 10)

- Life saving hormone is  
A) Cortisol  
B) Aldosterone  
C) Thyroxine  
D) Adrenaline
- Clonus occurs in \_\_\_\_\_  
A) Upper motor neuron lesion  
B) Multiple sclerosis  
C) Cerebral palsy  
D) All of the above
- Pepsinogen is secreted by \_\_\_\_\_  
A) Oxyntic cells  
B) D cells  
C) H cells  
D) Chief cells
- Pregnancy test is to determine presence of \_\_\_\_\_  
A) HCG in urine  
B) Estrogen in urine  
C) Somatomammotropin in urine  
D) Progesterone in urine
- Hyposecretion of estrogen is caused by \_\_\_\_\_  
A) Obesity  
B) Stress  
C) Excess alcohol consumption  
D) Premature ovarian failure
- Fundus oculi is examined by \_\_\_\_\_  
A) Perimeter  
B) Tonometer  
C) Snellen's chart  
D) Ophthalmoscope
- Other name for the optic papilla \_\_\_\_\_  
A) Macula Lutea  
B) Fovea Centralis  
C) Optic Disk  
D) Ora Serrata
- Major lipid in chylomicrons is \_\_\_\_\_  
A) Triglycerides  
B) Phospholipids  
C) Cholesterol  
D) Free fatty acids

9. Which of the following has the highest cholesterol content \_\_\_\_\_  
A) Milk                      B) Meat                      C) Butter                      D) Fish

10. Calcitriol synthesis involves \_\_\_\_\_  
A) Both liver and kidney                      B) Adipose tissue  
C) Intestine                      D) Muscle

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