

S.NO: 22N1- UBI

Course Code: BUD

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

B.Sc (Biochemistry) Degree Examination

III Semester – November – 2022

CC III – HUMAN PHYSIOLOGY AND ANATOMY

Time: 3 hours

Maximum Marks: 75

Section –A

10X2=20

Answer ALL the Questions

1. Define Lymph.
2. Give any two body buffers.
3. Define Bile.
4. List out two intestinal hormones.
5. What is ECG?
6. Define Lung volume.
7. Define Renal Threshold Value.
8. Name any two neurotransmitter.
9. List out any two sex hormones.
10. Define Spermatogenesis.

Section -B

5X5=25

Answer **ALL** the Questions

11. a) Write about intracellular fluid.

(or)

b) Describe about body buffer systems.

12. a) Write about anatomy of digestive system with a neat diagram.

(or)

b) Write notes on digestion and absorption of carbohydrates.

13. a) List out five factors affecting blood pressure.

(or)

b) Give the five role of lungs in acid-base balance.

14. a) Explain the steps during formation of Urine.

(or)

b) Explain the structure of neuron.

15. a) Describe the anatomy of male reproductive organ.

(or)

b) Write about Menstrual cycle.

Section -C

3 X 10 = 30

Answer any **THREE** Questions

16. Discuss about Blood grouping.
17. Explain about various biochemical secretions of GI tract.
18. Enumerate the structure of Heart .
19. Explain about mechanism of muscle contraction .
20. Illustrate the physiology of Pregnancy and its metabolic changes.

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