

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**B.PHARM. DEGREE EXAMINATION – JANUARY 2020
Second Semester**

HUMAN ANATOMY AND PHYSIOLOGY - II

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. a) Explain the physiology of neuro humoral transmission (7)
b) Functions of cerebrum. (3)
2. Explain the anatomy and physiology of various respiratory organs with neat diagram.
3. a) Explain about male genital organs with neat diagram. (6)
b) Physiology of menstruation. (4)

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Cerebrospinal fluid.
5. Types of salivary glands with functions.
6. Explain the various methods of artificial respiration.
7. Formation and role of ATP.
8. Microscopic structure of kidney.
9. Physiology of urine formation.
10. Pancreas.
11. Hormones of posterior pituitary.
12. RAAS system.

III. Write short notes on : (10 x 2 = 20)

13. Define receptor.
14. What is reflex arc?
15. Define hypoxia.
16. Define appendicitis.
17. Vital capacity?
18. Define urethritis.
19. Pneumonia.
20. Hyperthyroidism.
21. Diabetes mellitus.
22. Menopause.
