

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (PHYSICIAN ASSISTANT) DEGREE EXAMINATION

August 2019

First Year

PHYSIOLOGY

Time: Three hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Name the hormone released from anterior pituitary gland. Add a note on growth hormone
2. Define blood pressure. Explain the short term regulation blood pressure.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Define GFR. Explain the factors regulating GFR.
4. Lung volume and capacities
5. Explain neruomuscular junction with near diagram
6. Contraceptive methods

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Plasma proteins and its function
8. Functions of liver
9. Functions of cerebellum
10. Composition and function of saliva
11. Micturition reflex
12. Draw an ECG and explain physiological basics
13. Juxtaglomerular apparatus
14. Ovulations
15. Define hypoxia and its types
16. Trace visual pathway
