

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

B.Sc (PHYSICIAN ASSISTANT) DEGREE EXAMINATION
September 2021
First Year
PHYSIOLOGY

Time: Three hours

Maximum: 75 marks

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

1. Define cardiac output. What are the various methods of measuring cardiac output and explain any one method.
2. Explain the transport of oxygen in the blood.

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

3. Describe the neuromuscular junction with a diagram, add a note on neuromuscular transmission.
4. Define cardiac cycle. Explain the phases of cardiac cycle.
5. Name the hormones of anterior pituitary, and write about growth hormone.
6. Explain the mechanism of Respiration.

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

7. Blood grouping
8. Functions of liver
9. Passive transport
10. Functions of saliva
11. Lung volumes
12. Electrocardiogram
13. Micturition
14. Contraceptive method
15. Cerebro spinal fluid
16. Functions of thalamus.