

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

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

February 2020

First Year

PHYSIOLOGY

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Describe in detail structure and function of respiratory system.
2. Describe in detail about pain pathway.

II. SHORT NOTES: (8 x 5 = 40)

3. Function of a cell.
4. Role of skin in temperature regulation.
5. Properties of cardiac muscles.
6. Composition of blood.
7. Function of respiration.
8. Structure and functions of nephron.
9. Absorption of protein.
10. Motor unit.

III. SHORT ANSWERS: (10 x 2 = 20)

11. Fatigue.
12. Rods.
13. Synapse.
14. Any two functions of placenta.
15. Define pain.
16. Dialysis.
17. Fat soluble vitamins.
18. Tidal volume.
19. Red blood corpuscles.
20. Heart sound.
