

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

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
October 2021
Second Semester

HUMAN PHYSIOLOGY - II

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 15 = 30)

1. Define heart failure. Explain the types, causes, pathophysiology, symptoms and the management of heart failure.
2. List the descending tracts of Spinal cord and describe in detail their connections and function.

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

3. Write a brief note on composition and functions of bile.
4. Briefly explain the physiology of micturition.
5. Describe the process of spermatogenesis.
6. Write a note on the process of exchange of gases.
7. Describe the physiology of pulmonary circulation.
8. Describe the causes and symptoms of Brown Sequard syndrome.
9. Write a brief note on functions of anterior horn cell.
10. Write a brief note on visual pathway.

III. SHORT ANSWERS: (10 x 3 = 30)

11. List any three functions of gastric secretions.
12. Define peristalsis.
13. Define micturition.
14. Define edema.
15. Define physiological dead space.
16. Define ataxia.
17. List the types of pain.
18. List two functions of posterior column of spinal cord.
19. Define clonus.
20. Define deafness.