

VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM**B.P.E.S DEGREE EXAMINATION – November 2019****First Semester****ANATOMY, PHYSIOLOGY & SUBSTANCE USE DISORDER**

Time: Three hours

Maximum: 75 marks

PART – A (10 x 2 = 20 marks)Answer any **TEN** questions. All questions carry equal marks.

1. State the meaning of physiology.
2. Mention any two parts of cell.
3. Write any two functions of teeth.
4. Name any two organs in the digestive system.
5. State the classification of joints.
6. What is reflex arc?
7. Mention any two functions of thyroid gland.
8. Mention any two glands in the endocrine system.
9. State the effects of ganja.
10. What is alcoholism?
11. Mention any two types of muscles.
12. State any two factors involved in blood clotting process.

PART – B (5 x 5 = 25 marks)Answer any **FIVE** questions. All questions carry equal marks.

13. Explain the need and importance of Anatomy and Physiology in physical education and sports.
14. Write a note on stomach.
15. Discuss the structure and functions of heart.
16. Elaborate the muscular system and its types.
17. Narrate the alcohol use disorders.
18. Write short note on the various types of blood groups.
19. Describe the structure of lungs.
20. Write a note on smoking and chewing.

PART – C (3 x 10 = 30 marks)Answer any **THREE** questions. All questions carry equal marks.

21. Draw a neat diagram of cell and explain its structure and functions.
22. Write an essay on various organs in digestive system.
23. Explain the structure and functions of brain.
24. Describe the role of various glands in the human body.
25. Narrate the cannabis use disorder in detail.