

**VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM****B.P.E.S DEGREE EXAMINATION – April 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 Anatomy.
2. Name any two parts of the cell.
3. Write any two functions of pharynx.
4. Mention any two organs in the digestive system.
5. State any two types of muscles.
6. Give any two functions of spinal cord.
7. Write any two functions of adrenal gland.
8. Mention any two important glands in the endocrine system.
9. State the effects of smoking.
10. List down the alcohol use disorder.
11. State any two functions of parathyroid gland.
12. Write any two classifications of joints.

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

13. Elaborate the process of clotting of blood.
14. Write short notes on pharynx.
15. Enumerate the structure and functions of brain.
16. Explain the role of endocrine system in growth, development and regulations of body functions.
17. Write short notes on smoking and chewing.
18. Elaborate the structure of the cell.
19. Discuss the classifications of the bones.
20. Narrate the alcohol use disorder.

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

21. Explain the need and importance of Anatomy and Physiology in Physical Education and sports.
22. Write an essay about any two organs in digestive system.
23. Describe the structure and functions of heart.
24. Write an essay on various glands in the human body.
25. Narrate the cannabis use disorder in detail.