

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

**B.Sc. (PERFUSION TECHNOLOGY) DEGREE EXAMINATION**  
**August 2019**  
**Second Year**

**MEDICINE RELEVANT TO PERFUSION TECHNOLOGY**

Time: Three hours

Maximum: 75 marks

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

1. Discuss etiopathogenesis, diagnosis, management and complications of acute rheumatic fever
2. Discuss types of anemia, etiology, diagnosis and management of nutritional anemia

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

3. Hypertrophic obstructive cardiomyopathy
4. Acute coronary syndrome
5. Atrial septal defect
6. Acute Renal failure

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

7. Transient ischemic attack
8. Gestational diabetes mellitus
9. Secondary hypertension
10. PT, aPTT
11. Microvascular complications of diabetes mellitus
12. Peritoneal dialysis
13. Osteoarthritis
14. Eclampsia
15. Anti coagulants
16. Body Mass Index