

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

**B.Sc. (Perfusion Technology) DEGREE EXAMINATION
August 2018
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 aetiology, pathogenesis and management of renal failure.
2. Discuss aetiology, pathophysiology and investigations of RHD.

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

3. Discuss aetiopathogenesis, clinical features, investigations and management of aortic stenosis.
4. What is anaemia? Write about iron-deficiency anaemia, its causes, laboratory investigations, clinical features and management.
5. Interpretation of pulmonary function test.
6. Von Willibrand disease, aetiology, clinical features and treatment.

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

7. What is tetralogy of Fallot? Write its clinical features and management.
8. Define COPD. What is emphysema?
9. What are the branches of the left coronary artery?
10. What are the laboratory tests that help in diagnosing bleeding disorders?
11. Diabetic retinopathy.
12. Treatment of left ventricular failure(LV dysfunction).
13. Status epilepticus.
14. What are the causes of platelet function disorder?
15. The types of ASD.
16. Haemodialysis.
