

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

**B.Sc(ALLIED HEALTH SCIENCES) & M.Sc(Integrated Programs in**  
**Cardiac Technology) DEGREE EXAMINATIONS - August 2019**

**Second Year**

**APPLIED PATHOLOGY**

Time: Three hours

Maximum: 75 marks

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

1. Define ischemic heart disease and write about pathophysiology and various types of IHD.
2. Define and classify bleeding disorder and laboratory test for diagnosing various bleeding disorder.

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

3. Megaloblastic anemia.
4. Pericarditis.
5. VSD.
6. Leukemia.

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

7. COPD.
8. Pleural effusion.
9. Hypertension definition and types.
10. Complication of atherosclerosis.
11. Structure and function of platelet.
12. ARF.
13. Bleeding time.
14. Neutrophilia.
15. Emphysema.
16. Hb estimation.