

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**M.D. DEGREE EXAMINATION - May 2019**

**IMMUNOHAEMATOLOGY AND BLOOD TRANSFUSION**

**PART II - PAPER II: BLOOD DONOR ORGANIZATION,  
TECHNOLOGY OF COMPONENTS, CLINICAL HAEMOTHERAPY**

Time: Three hours

Maximum: 100 marks

**Answer ALL questions**

**SECTION- A**

**I. Essay:** (1 x 20 = 20)

1. Discuss the treatment indication categories for therapeutic plasma exchange.  
Write a note on Immunoabsorption.

**II. Write short notes on:** (5 x 6 = 30)

2. Look back policy
3. Hospital Transfusion Committee
4. Eltrombopag
5. Intrauterine transfusion
6. Hemovigilance.

**SECTION- B**

**I. Essay:** (1 x 20 = 20)

7. Discuss methods of Leukoreduction and role of cytokines in causation of FNHTR.

**II. Write short notes on:** (5 x 6 = 30)

8. Neonatal Exchange Transfusion
9. Cryo poor plasma and its uses
10. Plerixafor
11. HELLP syndrome
12. Blood donor motivation.