

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

M.D. DEGREE EXAMINATION - May 2019

IMMUNOHAEMATOLOGY AND BLOOD TRANSFUSION

**PART II - PAPER I: IMMUNOHAEMATOLOGY, IMMUNO
GENETICS, APPLIED SEROLOGY**

Time: Three hours

Maximum : 100 Marks

Answer ALL questions

SECTION - A

Write essays on : **(1 x 20 = 20)**

1. Discuss auto immune hemolytic anemias in detail.

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

2. Weak D and partial D
3. Intravenous Immunoglobulin (IVIG) uses
4. Flow cytometry
5. McLeod syndrome
6. Hardy – Weinberg principle.

SECTION - B

Write essays on : **(1 x 20 = 20)**

7. Discuss ABO discrepancies and their resolution.

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

8. Biochemistry of Lewis antigens.
9. Bombay blood group
10. Sources of errors in Coombs test
11. Lectins in Red cell serology
12. Kidd blood group system.
