

IMMUNO-HEMATOLOGY & TRANSFUSION MEDICINE
PAPER-III

IHTM/D/17/15 /III

TIME : 3 HOURS

MAX. MARKS : 100

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space
- Answer all the parts of a single question together.
- Start the question to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write Short notes on:

- Discuss indications for cryoprecipitate.
 - How would you ensure good yield of FVIII in a unit of cryoprecipitate? 4+6
- Laboratory diagnosis of Neonatal Alloimmune Thrombocytopenia (NAIT) 5+5
 - Discuss transfusion support in NAIT.
- Audit in transfusion medicine
 - How will you perform audit of red cell transfusion practices in neonatal care units? 5+5
- Describe merits and demerits of donor deferral criteria in India with respect to past history of jaundice. 10
- Differential diagnosis of Transfusion Associated Dyspnoea (TAD) 5+5
 - Outline the plan of investigation in TAD
- "Fresh whole blood is a better option than components for transfusion support in trauma patients". Critically analyse this statement. 10
- Principles of blood inventory management 5+5
 - What is "WAPI and ISI" in relation to blood inventory management?
- What factors would you consider prior to implementing a screening test for any new infection on all blood donations in the country? 10
- Laboratory diagnosis of Disseminated Intravascular Coagulation (DIC) 5+5
 - Transfusion support in a case of DIC
- Discuss transfusion support in following conditions: 5+5
 - Bombay phenotype patient
 - Patient with IgA deficiency
