

# National Board of Examinations

**Question Paper Name :** DNB Immunohematology and Blood Transfusion Paper3

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 1 Question Type : SUBJECTIVE**

Briefly discuss various kinds of tests available for detection of feto-maternal hemorrhage. [10]

**Question Number : 2 Question Type : SUBJECTIVE**

With the help of a flow diagram explain an approach to a positive direct antiglobulin test. [10]

**Question Number : 3 Question Type : SUBJECTIVE**

Write a S.O.P. for issuing a compatible blood for intra-uterine transfusion. [10]

**Question Number : 4 Question Type : SUBJECTIVE**

Describe the various methods available for making the MSBOS for a blood centre. [10]

**Question Number : 5 Question Type : SUBJECTIVE**

Define quality control. Describe the various methods available for quality control of blood irradiation. [3+7]

**Question Number : 6 Question Type : SUBJECTIVE**

Define platelet refractoriness and corrected count increment. Describe the various approaches

available for overcoming platelet refractoriness. [(2+2)+6]

**Question Number : 7 Question Type : SUBJECTIVE**

A 40-year-old male was diagnosed as a case of acute promyelocytic leukemia with altered sensorium. How will you investigate this patient keeping in mind his blood component requirements. What blood products will you recommend for this patient? How will you follow up this patient? [3+4+3]

**Question Number : 8 Question Type : SUBJECTIVE**

A 32-year-old lady who is 35 weeks pregnant and has platelet count of 30,000/cumm. How will you investigate and manage the patient? [5+5]

**Question Number : 9 Question Type : SUBJECTIVE**

Red blood cell substitutes. [10]

**Question Number : 10 Question Type : SUBJECTIVE**

Enumerate and briefly describe the uses of intravenous immunoglobulins in Transfusion Medicine. [10]