

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Immunohematology and Blood Transfusion Paper3
<b>Subject Name :</b>	DNB Immunohematology and Blood Transfusion Paper3
<b>Creation Date :</b>	2021-08-26 19:33:53
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## **DNB Immunohematology and Blood Transfusion Paper3**

<b>Group Number :</b>	1
<b>Group Id :</b>	327187328
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## **DNB Immunohematology and Blood Transfusion Paper3**

<b>Section Id :</b>	327187331
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187335
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271871801 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Describe the cause, clinical presentation, laboratory findings and management of neonatal alloimmune thrombocytopenia. [10]

**Question Number : 2 Question Id : 3271871802 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss blood component transfusion support in patients undergoing hematopoietic stem cell transplantation. [10]

**Question Number : 3 Question Id : 3271871803 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Write a note on cryopreservation of reagent red cells. What are the causes of low recovery of red cells when thawing the cryopreserved cells. [5+5]

**Question Number : 4 Question Id : 3271871804 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Use of potentiators in red cell serological testing for red cell antibodies. What are the limitations of the different potentiators used for enhancing reactions. [5+5]

**Question Number : 5 Question Id : 3271871805 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Write a note on Cold agglutinin disease (CAD). How would you manage a patient with CAD undergoing a major cardiac surgery. [5+5]

**Question Number : 6 Question Id : 3271871806 Question Type : SUBJECTIVE**

**Correct Marks : 10**

How would you monitor coagulation status and plan blood component transfusion support in a patient with post-partum hemorrhage. [5+5]

**Question Number : 7 Question Id : 3271871807 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Write a note on the use of Granulocyte colony stimulating factor for granulocyte collection. [10]

**Question Number : 8 Question Id : 3271871808 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Describe Graft versus leukemia effect and its clinical applications. [5+5]

**Question Number : 9 Question Id : 3271871809 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Write a note on occult hepatitis B. Discuss laboratory diagnosis and further investigations. [5+5]

**Question Number : 10 Question Id : 3271871810 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Define platelet refractoriness, discuss its causes and management. [10]