

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Immunohematology and Blood Transfusion Paper2
<b>Subject Name :</b>	DNB Immunohematology and Blood Transfusion Paper2
<b>Creation Date :</b>	2021-08-25 22:34:19
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## **DNB Immunohematology and Blood Transfusion Paper2**

<b>Group Number :</b>	1
<b>Group Id :</b>	327187327
<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 Paper2**

<b>Section Id :</b>	327187330
<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>	327187334
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271871791 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Laboratory work-up of a suspected case of hemolytic disease of fetus and newborn. [10]

**Question Number : 2 Question Id : 3271871792 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Compare and contrast fixed massive transfusion protocol and targeted therapy for massive blood loss. How would you provide blood component support to a patient who had a road side accident (RSA) and suffered acute blood loss? [5+5]

**Question Number : 3 Question Id : 3271871793 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the various immunohematological issues in solid organ transplantation. How would you manage a patient with passenger lymphocyte syndrome. [5+5]

**Question Number : 4 Question Id : 3271871794 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Describe in brief acute non-hemolytic adverse transfusion reactions. Enumerate important neurological adverse transfusion reactions. [7+3]

**Question Number : 5 Question Id : 3271871795 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Enumerate the changes in the Drugs and Cosmetics Rules, 1945 (Second Amendment) with regard to donor selection. [10]

**Question Number : 6 Question Id : 3271871796 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the rationale for using convalescent plasma as a therapeutic agent in an infectious disease. What are the limitations and possible side-effects of this therapy? [5+5]

**Question Number : 7 Question Id : 3271871797 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the various measures taken by blood centres to prevent bacterial contamination of blood components. [10]

**Question Number : 8 Question Id : 3271871798 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the causes, clinical presentation, management and prevention of transfusion reactions affecting the respiratory system. [10]

**Question Number : 9 Question Id : 3271871799 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Discuss the role of therapeutic plasma exchange in patients with a resistant cytokine storm state. Describe a disease condition in which this occurs. [5+5]

**Question Number : 10 Question Id : 3271871800 Question Type : SUBJECTIVE**

**Correct Marks : 10**

What are the different types of autologous transfusions? Plan for autologous blood component transfusion in a 58-year-old female planning to undergo a hip transplantation. [5+5]