

National Board of Examinations

Question Paper Name :	DNB Immunohematology and Blood Transfusion Paper1
Subject Name :	DNB Immunohematology and Blood Transfusion Paper1
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DNB Immunohematology and Blood Transfusion Paper1

Group Number :	1
Group Id :	327187326
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

DNB Immunohematology and Blood Transfusion Paper1

Section Id :	327187329
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187333
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871781 Question Type : SUBJECTIVE

Correct Marks : 10

Plasticizers in blood bags. [10]

Question Number : 2 Question Id : 3271871782 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe the cell based model of coagulation. [5]

b) What are the effects of low platelet counts on hemostasis? [5]

Question Number : 3 Question Id : 3271871783 Question Type : SUBJECTIVE

Correct Marks : 10

Iron absorption, transport, regulation and metabolism. [10]

Question Number : 4 Question Id : 3271871784 Question Type : SUBJECTIVE

Correct Marks : 10

a) B-cell development. [5]

b) Genetic basis of diversity of Immunoglobulins. [5]

Question Number : 5 Question Id : 3271871785 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe complement cascade. [5]

b) Disorders arising from abnormalities in the complement system causing hemolysis. [5]

Question Number : 6 Question Id : 3271871786 Question Type : SUBJECTIVE

Correct Marks : 10

Compare randomized controlled trials and observational studies and their applicability in different clinical studies. [5+5]

Question Number : 7 Question Id : 3271871787 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe the Human Leucocyte Antigen (HLA) system in brief. [5]

b) Enumerate the methods used for HLA typing with a brief outline of each. [5]

Question Number : 8 Question Id : 3271871788 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe the different types of chimerism. [5]

b) Discuss the clinical scenarios where different types of chimerism are found. [5]

Question Number : 9 Question Id : 3271871789 Question Type : SUBJECTIVE

Correct Marks : 10

a) Kell blood group system. [5]

b) McLeod phenotype. [5]

Question Number : 10 Question Id : 3271871790 Question Type : SUBJECTIVE

Correct Marks : 10

a) Give an outline of non-immune hemolytic anemias [5]

b) Approach to investigation of these categories of anemias. [5]