

National Board of Examinations

Question Paper Name :	DNB Immunohematology and Blood Transfusion Paper2
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Creation Date :	2024-10-18 15:26:10
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DNB Immunohematology and Blood Transfusion Paper2

Group Number :	1
Group Id :	3271872753
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DNB Immunohematology and Blood Transfusion Paper2

Section Id :	3271872756
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872760
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718728814 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Enumerate Tubeless methods for Pre-transfusion testing. Add a note on validation of each method. [5+5]

Question Number : 2 Question Id : 32718728815 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate the red cell serology disturbances in chronic transfusion receiving patients. Discuss about resolving immunohaematological problems in these patients. [3+7]

Question Number : 3 Question Id : 32718728816 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Approach to investigate serologic findings in warm autoimmune haemolytic anemia and describe the laboratory methods to detect underlying clinically significant alloantibodies in the presence of warm autoantibodies. [3+7]

Question Number : 4 Question Id : 32718728817 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Define "Silent" transfusion- related adverse events. Add a brief note on each one of them. [2+8]

Question Number : 5 Question Id : 32718728818 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Perform root-cause analysis of failed ELISA test run. [10]

Question Number : 6 Question Id : 32718728819 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Briefly describe various platelet cross-match methods. Add a note on their applications. [8+2]

Question Number : 7 Question Id : 32718728820 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Discuss differential diagnosis and schematic investigation of transfusion reactions presenting with acute respiratory distress. [10]

Question Number : 8 Question Id : 32718728821 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe different types of “adsorbents” and their clinical applications. Add a note on photopheresis. [8+2]

Question Number : 9 Question Id : 32718728822 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss preparation and quality control of cryoprecipitate, indications for its use and dosage. [3+3+2+2]

Question Number : 10 Question Id : 32718728823 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Define pretransfusion testing, and describe the key elements in pre-transfusion testing. [2+8]