

National Board of Examinations

Question Paper Name :	DNB Immunohematology and Blood Transfusion Paper2
Subject Name :	DNB Immunohematology and Blood Transfusion Paper2
Creation Date :	2022-06-25 17:19:54
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Immunohematology and Blood Transfusion Paper2

Group Number :	1
Group Id :	3271871229
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
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Immunohematology and Blood Transfusion Paper2

Section Id :	3271871232
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Section Number : 1
Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions to be attempted : 10
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 3271871236
Question Shuffling Allowed : No

Question Number : 1 Question Id : 32718711342 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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. Describe the approach to resolve a case of incompatible cross match. [10]

Question Number : 2 Question Id : 32718711343 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss strategies to prevent transmission of emerging infectious agents through blood component transfusion. [10]

Question Number : 3 Question Id : 32718711344 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Discuss the role of therapeutic plasma exchange in neurological disorders. [10]

Question Number : 4 Question Id : 32718711345 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Describe the pathophysiology and mechanisms of non-immune hemolytic transfusion reactions.

What strategies would you implement at your blood centre to prevent them? [5+5]

Question Number : 5 Question Id : 32718711346 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Factors determining the clinical significance of a red cell allo-antibody. [10]

Question Number : 6 Question Id : 32718711347 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

What are the limitations of various techniques used for autologous transfusion? [10]

Question Number : 7 Question Id : 32718711348 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Discuss pathophysiology of drug induced hemolytic anemia. [10]

Question Number : 8 Question Id : 32718711349 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Transfusion reactions affecting the respiratory system. [10]

Question Number : 9 Question Id : 32718711350 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Write an SOP for discard of TTI reactive blood components. [10]

Question Number : 10 Question Id : 32718711351 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Compare continuous and intermittent apheresis procedures, discuss their advantages and disadvantages. [10]