

National Board of Examinations

Question Paper Name :	DNB Immunohematology and Blood Transfusion Paper3
Subject Name :	DNB Immunohematology and Blood Transfusion Paper3
Creation Date :	2022-06-25 17:21:11
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Immunohematology and Blood Transfusion Paper3

Group Number :	1
Group Id :	3271871230
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 Paper3

Section Id :	3271871233
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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 : 3271871237
Question Shuffling Allowed : No

Question Number : 1 Question Id : 32718711352 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. Discuss the strategies to reduce bacterial contamination of blood components. [10]

Question Number : 2 Question Id : 32718711353 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How would you prepare RBCs for intra-uterine transfusion (IUT)? What are the risks associated with IUT, how would manage these risks? [4+(3+3)]

Question Number : 3 Question Id : 32718711354 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

What are the quality indicators in the transfusion chain? Discuss the strategies you would implement to improve the quality indicators. [4+6]

Question Number : 4 Question Id : 32718711355 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Platelet additive solution and its utility in clinical transfusion practice. [10]

Question Number : 5 Question Id : 32718711356 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the approach to develop an MSBOS for a Haemato-oncology centre. What are the limitations of MSBOS? [6+4]

Question Number : 6 Question Id : 32718711357 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss blood component transfusion support in ABO incompatible solid organ transplantation. [10]

Question Number : 7 Question Id : 32718711358 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Compare granulocyte transfusion and G-CSF therapy for patients with low neutrophil counts. [10]

Question Number : 8 Question Id : 32718711359 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 a transfusion medicine specialist in managing a patient with graft versus host disease after solid organ transplantation. [10]

Question Number : 9 Question Id : 32718711360 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the management of platelet transfusion refractoriness. [10]

Question Number : 10 Question Id : 32718711361 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss essential elements for setting up of Thalassemia transfusion programme. [10]