

National Board of Examinations

Question Paper Name :	DNB Immunohematology and Blood Transfusion Paper3
Subject Name :	DNB Immunohematology and Blood Transfusion Paper3
Creation Date :	2023-04-26 22:40:22
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Immunohematology and Blood Transfusion Paper3

Group Number :	1
Group Id :	327187798
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
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 :	327187801
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 :	327187805
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 3271877062 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

1. Describe the methods of monitoring haemolytic disease of fetus and new born (HDFN). What are the indications for intrauterine RBC transfusion. Discuss the role of transfusion medicine specialist in the management of HDFN. [3+3+4]

Question Number : 2 Question Id : 3271877063 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss role of transfusion medicine specialist in the management of ABO incompatible renal transplant. [10]

Question Number : 3 Question Id : 3271877064 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Give an account of serological problems in patients with cold agglutinins and discuss the approach to their resolution. [5+5]

Question Number : 4 Question Id : 3271877065 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss how you will plan a centre to support patients with haemoglobinopathies. What are the facilities required in the immunohaematology laboratory for the management of patients with chronic anaemia requiring regular blood transfusions. [5+5]

Question Number : 5 Question Id : 3271877066 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the molecular biology of Rh D variants and their clinical significance. [5+5]

Question Number : 6 Question Id : 3271877067 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the various antigens present on platelets and their clinical significance. [5+5]

Question Number : 7 Question Id : 3271877068 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What are the indications for transfusing washed blood components? Describe the methods of preparation of washed cellular blood components. What are the disadvantages of washed blood components? [4+3+3]

Question Number : 8 Question Id : 3271877069 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the transfusion protocols for the management of a patient with thalassemia requiring regular blood transfusion. Discuss the approach to management of a patient with thalassemia not responding to regular transfusion therapy. [6+4]

Question Number : 9 Question Id : 3271877070 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss process flow mapping and its importance in transfusion medicine. Draw the process flow map of your blood component laboratory. [6+4]

Question Number : 10 Question Id : 3271877071 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the role of audit in blood banking and its impact on transfusion practices in the hospital. [5+5]