

National Board of Examinations

Question Paper Name : DNB Immunohematology and Blood Transfusion Paper2
Subject Name : DNB Immunohematology and Blood Transfusion Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718733384 Consider As Subjective : Yes

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. What is directed donation? When is it clinically indicated? What are the advantages and disadvantages of directed donation? [3+2+5]

Question Number : 2 Question Id : 32718733385 Consider As Subjective : Yes

Describe the approach to blood management in a patient planned for a liver transplant in three months. [10]

Question Number : 3 Question Id : 32718733386 Consider As Subjective : Yes

Describe the adverse events which may be encountered during blood donation. Discuss their management. What precautions should be taken to prevent the adverse events? [4+3+3]

Question Number : 4 Question Id : 32718733387 Consider As Subjective : Yes

Discuss the labelling requirements for:

- Packed red cells. [3]
- Platelet concentrates. [3]
- Cryoprecipitate. [2]
- Fresh frozen plasma. [2]

Question Number : 5 Question Id : 32718733388 Consider As Subjective : Yes

Discuss preparation and quality control of platelet concentrate. [5+5]

Question Number : 6 Question Id : 32718733389 Consider As Subjective : Yes

Discuss the role of transfusion medicine specialist in the management of thalassemia. Describe the process of setting up comprehensive thalassemia care center at a tertiary care hospital. [5+5]

Question Number : 7 Question Id : 32718733390 Consider As Subjective : Yes

Enumerate the indications for irradiation of blood components. Describe quality control of an irradiated packed red cells. [6+4]

Question Number : 8 Question Id : 32718733391 Consider As Subjective : Yes

Discuss platelet additive solution (PAS) under the following heads:

- a) Constituents and their functions. [5]
- b) Advantages and limitations. [5]

Question Number : 9 Question Id : 32718733392 Consider As Subjective : Yes

Describe the types of auto-immune hemolytic anemias. Give a detailed account of approach to diagnosis and the role of transfusion medicine specialist in the management. [4+3+3]

Question Number : 10 Question Id : 32718733393 Consider As Subjective : Yes

Discuss the preparation and quality parameters of Intravenous Immunoglobulin (IVIG). What are the clinical indications for its use? [(4+3)+3]