

National Board of Examinations

Question Paper Name : DNB Immunohematology and Blood Transfusion Paper4
Subject Name : DNB Immunohematology and Blood Transfusion Paper4
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718733404 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. Describe the medico-legal aspects of donor notification. What is donor lookback? [5+5]

Question Number : 2 Question Id : 32718733405 Consider As Subjective : Yes

Describe a plan for total quality management in a blood donation camp setting. [10]

Question Number : 3 Question Id : 32718733406 Consider As Subjective : Yes

Describe the process of capturing near-miss events at the blood center. What are the strategies to be implemented for their resolution? [5+5]

Question Number : 4 Question Id : 32718733407 Consider As Subjective : Yes

Describe the role of barcoding system in making blood safer. What are the challenges in its implementation? [7+3]

Question Number : 5 Question Id : 32718733408 Consider As Subjective : Yes

Describe the types and features of viscoelastic testing methods and their role in assessing coagulopathy. [6+4]

Question Number : 6 Question Id : 32718733409 Consider As Subjective : Yes

Describe the role of accreditation in improving the quality of blood transfusion services. [10]

Question Number : 7 Question Id : 32718733410 Consider As Subjective : Yes

- a) Radio Frequency Identification (RFID) technology in blood transfusion. [6]
- b) Quality parameters for autoclave and methods to assess them. [4]

Question Number : 8 Question Id : 32718733411 Consider As Subjective : Yes

Describe the organogram of blood transfusion services in India. [10]

Question Number : 9 Question Id : 32718733412 Consider As Subjective : Yes

Describe the requirements for establishment of blood storage centre. [10]

Question Number : 10 Question Id : 32718733413 Consider As Subjective : Yes

Describe the method used for cell free fetal DNA screening. Enumerate its uses in clinical transfusion practice. [5+5]