

National Board of Examinations

Question Paper Name :	DNB Pathology Paper4
Subject Name :	DNB Pathology Paper4
Creation Date :	2022-06-25 18:45:18
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pathology Paper4

Group Number :	1
Group Id :	3271871060
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 Pathology Paper4

Section Id :	3271871063
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 : 3271871067
Question Shuffling Allowed : No

Question Number : 1 Question Id : 3271879652 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. What is the latest update in WHO classification of MDS? Elaborate the approach to laboratory diagnosis of MDS. [5+5]

Question Number : 2 Question Id : 3271879653 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Enumerate the causes of pancytopenia. How will you investigate a patient of pancytopenia? [10]

Question Number : 3 Question Id : 3271879654 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Minimal residual disease in acute leukemia. [5]

b) Hemolytic uremic syndrome. [5]

Question Number : 4 Question Id : 3271879655 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Unstable hemoglobin and its diagnostic evaluation. [10]

Question Number : 5 Question Id : 3271879656 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe quality control in hematology laboratory. [10]

Question Number : 6 Question Id : 3271879657 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Write the classification and laboratory diagnosis of von Willebrand's disease. [10]

Question Number : 7 Question Id : 3271879658 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) 5q deletion. [5]

b) Hairy cell leukemia. [5]

Question Number : 8 Question Id : 3271879659 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe various methods of detection of types of haemoglobins and its pattern in electrophoresis or other methodologies. [5 +5]

Question Number : 9 Question Id : 3271879660 Question Type : SUBJECTIVE Consider As

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

Elaborate the approach to the diagnosis of bleeding disorders. [10]

Question Number : 10 Question Id : 3271879661 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Causes of discrepancies in ABO/D grouping. [5]
- b) Discuss screening of donated blood for transfusion transmissible infections. [5]