

National Board of Examinations

Question Paper Name :	DNB Pathology Paper4
Subject Name :	DNB Pathology Paper4
Creation Date :	2023-10-16 09:54:32
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pathology Paper4

Group Number :	1
Group Id :	3271872599
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 Pathology Paper4

Section Id :	3271872602
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 :	3271872606
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726533 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. a) Hematological complications of HIV infections. [5]
b) IMWG (International Myeloma Working Group), 2014 diagnostic criteria of multiple myeloma. [5]

Question Number : 2 Question Id : 32718726534 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Briefly discuss pathophysiology and lab diagnosis of sickle cell disease. Give outlines of various crisis associated with sickle cell anemia. [(4+3)+3]

Question Number : 3 Question Id : 32718726535 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Use of blood components. [10]

Question Number : 4 Question Id : 32718726536 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Diagnosis of Hairy cell Leukemia and its variants. [10]

Question Number : 5 Question Id : 32718726537 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Classify microcytic hypochromic anemias and describe their salient features. [2+5]

b) Tabulate their differentiating features. [3]

Question Number : 6 Question Id : 32718726538 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Disorders of iron overload and their laboratory diagnosis. [10]

Question Number : 7 Question Id : 32718726539 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Current management of idiopathic thrombocytopenic purpura. [5]

b) Pathophysiology of bleeding in Dengue virus infection. [5]

Question Number : 8 Question Id : 32718726540 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Indications, processing, interpretation and reporting format of Trepine biopsy. [10]

Question Number : 9 Question Id : 32718726541 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Westgard rules in quality assurance. [5]

b) Automated reticulocyte parameters and their use in hematology. [5]

Question Number : 10 Question Id : 32718726542 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Classify Myelodysplastic neoplasms (WHO 2022). [4]

b) Describe Myelodysplastic neoplasms with defining genetic abnormalities. [6]