

National Board of Examinations

Question Paper Name :	DNB Pathology Paper1
Subject Name :	DNB Pathology Paper1
Creation Date :	2024-05-15 21:33:59
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pathology Paper1

Group Number :	1
Group Id :	3271872010
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 Paper1

Section Id :	3271872013
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 :	3271872017
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725913 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. Discuss the emerging applications of CAR T-cell therapy. [10]

Question Number : 2 Question Id : 32718725914 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) Mechanism of cell death in ischemic & hypoxic injury. [5]

b) Types of amyloid. [5]

Question Number : 3 Question Id : 32718725915 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) Clinical use of inhibitors of prostaglandins & leukotrienes. [5]

b) Molecular genetic diagnosis. [5]

Question Number : 4 Question Id : 32718725916 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) Errors in surgical pathology laboratory. [5]

b) Noncoding DNA. [5]

Question Number : 5 Question Id : 32718725917 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 expression of intermediate filament proteins in determining cell of origin of poorly differentiated tumours. [10]

Question Number : 6 Question Id : 32718725918 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) ANCA- associated vasculitis. [5]

b) Pathophysiology & lab diagnosis of alkaptonuria. [5]

Question Number : 7 Question Id : 32718725919 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) Role of T-cells in cancer. [5]

b) Role of MYC overexpression in neoplasia. [5]

Question Number : 8 Question Id : 32718725920 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) Ferroptosis. [5]

b) Chimerism and mosaicism. [5]

Question Number : 9 Question Id : 32718725921 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 infarction. What is the role of troponin in diagnosis of acute myocardial infarction? [10]

Question Number : 10 Question Id : 32718725922 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) Recent Banff classification diagnostic categories. [5]

b) Standard deviation. [5]