

National Board of Examinations

Question Paper Name :	DNB Pathology Paper1
Subject Name :	DNB Pathology Paper1
Creation Date :	2021-08-25 17:08:52
Duration :	180
Total Marks :	100
Display Marks:	No

DNB Pathology Paper1

Group Number :	1
Group Id :	327187206
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

DNB Pathology Paper1

Section Id :	327187209
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187213
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 327187580 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss mechanism of antibody mediated hypersensitivity reactions. [5]
- b) Give examples of antibody mediated diseases (Type 2 Hypersensitivity) and describe their pathogenesis. [2+3]

Question Number : 2 Question Id : 327187581 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Enumerate the hallmarks of cancer. [3]
- b) Describe the role of oncogenes in carcinogenesis. [7]

Question Number : 3 Question Id : 327187582 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Autophagy. [5]
- b) Neutrophil Extracellular Traps. [5]

Question Number : 4 Question Id : 327187583 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Role of "unfolded protein response in cell injury". [5]
- b) Enumerate diseases caused by misfolding of proteins. [5]

Question Number : 5 Question Id : 327187584 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Proteasomes. [5]
- b) Cell-cell interactions. [5]

Question Number : 6 Question Id : 327187585 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the morphological changes in infarction. [5]
- b) Enumerate the factors that influence development of an infarct. [5]

Question Number : 7 Question Id : 327187586 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Role of complement system in inflammation. [5]
- b) Morphological changes in severe acute malnutrition. [5]

Question Number : 8 Question Id : 327187587 Question Type : SUBJECTIVE

Correct Marks : 10

Enumerate outdoor air pollutants and elaborate the role of particulate matter in lung diseases.
[3+7]

Question Number : 9 Question Id : 327187588 Question Type : SUBJECTIVE

Correct Marks : 10

- a) DNA sequencing in cancer diagnostics. [5]
- b) Transmission patterns of single gene disorders. [5]

Question Number : 10 Question Id : 327187589 Question Type : SUBJECTIVE

Correct Marks : 10

Define apoptosis with examples. Discuss intrinsic pathway of apoptosis. [3+7]