

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Pathology Paper 1
<b>Subject Name :</b>	DNB Pathology Paper1
<b>Creation Date :</b>	2023-04-25 11:44:45
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Pathology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187652
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DNB Pathology Paper1

<b>Section Id :</b>	327187655
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187659
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718720923 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

1. Discuss the role of Matrix metalloproteinases in tumour invasion and metastasis and their tumorigenic effect. [10]

**Question Number : 2 Question Id : 32718720924 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 tumor suppressor genes in cancer. Explain the role of any one in cancer development and progression. [10]

**Question Number : 3 Question Id : 32718720925 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Define Anoikis. Discuss the mechanism of Anoikis and its role in cancer progression. [10]

**Question Number : 4 Question Id : 32718720926 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 histopathological diagnosis of acute cellular rejection in liver transplant biopsy. [10]

**Question Number : 5 Question Id : 32718720927 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) Thrombophilia. [5]

b) Immune checkpoint inhibitors. [5]

**Question Number : 6 Question Id : 32718720928 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) Latest marker for early diagnosis of sepsis. [5]

b) Cellular ageing and telomerase. [5]

**Question Number : 7 Question Id : 32718720929 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) Laboratory safety. [5]

b) Chemiluminescence and its diagnostic applications. [5]

**Question Number : 8 Question Id : 32718720930 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) Metabolomics in diagnosis of neoplasms. [5]
- b) Tumor markers. [5]

**Question Number : 9 Question Id : 32718720931 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 epigenetics in diabetes mellitus. [5]
- b) MicroRNA's, their role in diagnosis and therapeutics. [5]

**Question Number : 10 Question Id : 32718720932 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) Pathological effects of air pollutants. [5]
- b) Immunological tolerance. [5]