

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Pathology Paper1
<b>Subject Name :</b>	DNB Pathology Paper1
<b>Creation Date :</b>	2022-12-22 22:33:48
<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>	3271871375
<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>	3271871378
<b>Section Number :</b>	1
<b>Section type :</b>	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 :** 3271871382

**Question Shuffling Allowed :** No

**Is Section Default? :** null

**Question Number : 1 Question Id : 32718712822 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 stem cell therapy. [10]

**Question Number : 2 Question Id : 32718712823 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 ionizing radiation. [5]
- b) Types of collagen. [5]

**Question Number : 3 Question Id : 32718712824 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) Neutrophil Extracellular traps (NETs) and its implications in inflammation. [5]
- b) Driver mutations and passenger mutations. [5]

**Question Number : 4 Question Id : 32718712825 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) Turn around time in surgical biopsy diagnosis. [5]
- b) Nucleolar organizing regions. [5]

**Question Number : 5 Question Id : 32718712826 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Types of intermediate filament proteins and associated diseases. [10]

**Question Number : 6 Question Id : 32718712827 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) Genomic imprinting. [5]
- b) Pathophysiology and lab diagnosis of phenylketonuria. [5]

**Question Number : 7 Question Id : 32718712828 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) Differential diagnosis of noncaseating necrotizing granulomatous diseases along with their lab

diagnosis. [5]

b) The RAS oncogene in neoplasia. [5]

**Question Number : 8 Question Id : 32718712829 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) Pseudo tumors. [5]

b) Monoclonality of tumors. [5]

**Question Number : 9 Question Id : 32718712830 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 shock with special reference to Systemic Inflammatory Response Syndrome. [10]

**Question Number : 10 Question Id : 32718712831 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) Host prosthetic interactions. [5]

b) Laboratory information systems. [5]