

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Pathology Paper2
<b>Subject Name :</b>	DNB Pathology Paper2
<b>Creation Date :</b>	2021-08-25 22:34:54
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## DNB Pathology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	327187207
<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>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## DNB Pathology Paper2

<b>Section Id :</b>	327187210
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	10
<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>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187214
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 327187590 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Enumerate the effects of gene mutations in cancer. Describe the techniques for gene mutation detection and discuss their role in Breast cancer treatment. [3+4+3]

**Question Number : 2 Question Id : 327187591 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Biomarkers for human papilloma virus in cervical cancer. [5]
- b) Medical revalidation for histopathologists. [5]

**Question Number : 3 Question Id : 327187592 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Enumerate causes of sudden post-partum death. Discuss the role of maternal autopsy in puerperal sepsis. [3+7]

**Question Number : 4 Question Id : 327187593 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Yokohama system of reporting Breast Fine Needle Aspiration Cytology. [10]

**Question Number : 5 Question Id : 327187594 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Antibody mediated rejection in Heart transplant. [5]
- b) What is cytogenetics? Describe its utility in pathology. [1+4]

**Question Number : 6 Question Id : 327187595 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Define obesity and describe its effects on the cardio-respiratory systems. [10]

**Question Number : 7 Question Id : 327187596 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Big Bang model of colon cancer growth. [5]
- b) Role of angiogenesis in tissue engineering. [5]

**Question Number : 8 Question Id : 327187597 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Chromogenic in-situ hybridisation. [5]
- b) Biomedical waste management in histopathology laboratory. [5]

**Question Number : 9 Question Id : 327187598 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Recent update on testicular germ cell tumours. [5]
- b) External Quality Assurance Program in Cytology. [5]

**Question Number : 10 Question Id : 327187599 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Gonadal Mosaicism. [5]
- b) Transcriptomics. [5]