

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Surgical Oncology Paper1
<b>Subject Name :</b>	DrNB Surgical Oncology Paper1
<b>Creation Date :</b>	2021-08-25 17:09:09
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## DrNB Surgical Oncology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187306
<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

## DrNB Surgical Oncology Paper1

<b>Section Id :</b>	327187309
<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>	327187313
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271871581 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Discuss tumor microenvironment. [5]
- b) Mechanism of tobacco induced carcinogenesis. [5]

**Question Number : 2 Question Id : 3271871582 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Explain the concept of 'Two Hit' paradigm or hypothesis in cancer development. [5]
- b) Cancer Stem cells. [5]

**Question Number : 3 Question Id : 3271871583 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Mechanism of action and indications of PARP inhibitors. [3+2]
- b) What is p53 gene mutation and the familial cancers associated with it? [2+3]

**Question Number : 4 Question Id : 3271871584 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) What are the multistep models of colorectal tumorigenesis. [5]
- b) Discuss Lynch syndrome. [5]

**Question Number : 5 Question Id : 3271871585 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Chromoendoscopy & Narrow band Imaging. [2+3]
- b) Endoscopic Mucosal Resection. [5]

**Question Number : 6 Question Id : 3271871586 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe the Inflammatory molecular mediators in cancer. [5]
- b) Chemo prevention. [5]

**Question Number : 7 Question Id : 3271871587 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Cancer surgery specimen grossing and handling protocols. [5]
- b) Basis of Immunohistochemistry assessment methods and its role in soft tissue sarcoma diagnosis. [5]

**Question Number : 8 Question Id : 3271871588 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Adoptive cell therapy. [5]
- b) Nutrition assesment in cancer. [5]

**Question Number : 9 Question Id : 3271871589 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe response evaluation criteria for solid tumours. [5]
- b) Rationale and benefits of Surgical Morbidity and Mortality audit. [5]

**Question Number : 10 Question Id : 3271871590 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Discuss the various biases in cancer screening. [5]
- b) Risk reducing interventions for individuals with high risk cancer causing mutations. [5]