

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB GYNAECOLOGICAL ONCOLOGY Paper1
<b>Subject Name :</b>	DrNB GYNAECOLOGICAL ONCOLOGY Paper1
<b>Creation Date :</b>	2025-01-17 20:02:56
<b>Duration :</b>	180
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<b>Actual Answer Key :</b>	No

## DrNB GYNAECOLOGICAL ONCOLOGY Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872809
<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

## DrNB GYNAECOLOGICAL ONCOLOGY Paper1

<b>Section Id :</b>	3271872812
<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>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872816
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718736584 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes**

**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. Cancer biology:

- What is the programmed death of a cell? [3]
- Describe the role of PD-1/PDL-1 pathway in cancer management. [4]
- What is the basis of cancer immunotherapy? [3]

**Question Number : 2 Question Id : 32718736585 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Pre-invasive diseases of vulva:

- Latest ISSVD classification of vulvar intraepithelial neoplasia (VIN). [3]
- Describe clinico-pathologic features and management of Paget's disease of vulva. [3]
- Mechanism of action, indications and dose schedule of imiquimod in the management of vulvar pre-invasive diseases. [4]

**Question Number : 3 Question Id : 32718736586 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Sex cord stromal tumors of ovary:

- Describe WHO 2020 histopathologic classification. [3]
- How will you manage an 18-year-old female who had laparoscopic ovarian cystectomy and histopathology showed juvenile granulosa cell tumor? [4]
- What are the clinico-pathological features of gynandroblastoma? [3]

**Question Number : 4 Question Id : 32718736587 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Imaging:

- Role of ultrasonography in gynecological cancer screening. [3]
- Describe O-RADS US. [3]
- Describe IOTA ultrasound rules for ovarian masses. [4]

**Question Number : 5 Question Id : 32718736588 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Low grade serous ovarian cancer:

- a) Describe histopathologic features. [3]
- b) Molecular profile. [2]
- c) Role of surgery and systemic therapies in the management of low grade serous ovarian cancer. [5]

**Question Number : 6 Question Id : 32718736589 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) What are the indications for endometrial cancer screening? [3]
- b) How will you manage a 45-year-old lady on tamoxifen for breast cancer, presented to you with per vaginal spotting? [4]
- c) What are the effects of tamoxifen on tissues other than breast? [3]

**Question Number : 7 Question Id : 32718736590 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Cervical cancer prevention:

- a) Describe the WHO cervical cancer elimination targets. [3]
- b) What are the advantages and limitations of HPV based screening in Indian population? [4]
- c) How will you manage a 36-year-old woman with hrHPV positive on screening? [3]

**Question Number : 8 Question Id : 32718736591 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Hereditary cancer:

- a) Describe various mismatch repair (MMR) genes and their functions. [4]
- b) What are the various MMR gene mutation associated cancers, in men and women? [2]
- c) How will you manage an apparently healthy, 40-year-old parous lady recently found to have germline mutation in MLH1 and PMS2 genes? [4]

**Question Number : 9 Question Id : 32718736592 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 21-year-old, unmarried woman presents with BRCA 1 mutation carrier:

- a) Describe breast cancer screening protocol for her. [4]
- b) Role and technique of risk reducing mastectomy. [4]
- c) Role of chemoprophylaxis. [2]

**Question Number : 10 Question Id : 32718736593 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe with diagrams, surgical anatomy of retroperitoneum. [4]
- b) How do you access retroperitoneum for lymphadenectomy? [2]

c) What are the potential intra and post-operative complications of systematic pelvic and retroperitoneal lymphadenectomy for gynecological cancers? [4]