

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB GYNAECOLOGICAL ONCOLOGY Paper3
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## DrNB GYNAECOLOGICAL ONCOLOGY Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872088
<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
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<b>Show Progress Bar? :</b>	No

## DrNB GYNAECOLOGICAL ONCOLOGY Paper3

<b>Section Id :</b>	3271872091
<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>	3271872095
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718720612 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. A 30-year-old lady presents with history of irregular vaginal bleeding for one month. She has history of miscarriage one month earlier followed by D and C, but no histopathology was sent. Per vaginal examination reveals a bluish nodule 2cms in anterior vaginal wall at the lower end. Her beta hCG is 23100mIU/ml. Ultrasound scan showed a bulky uterus with heterogenous vascular mass in the uterine cavity. Bilateral ovaries are multi-cystic with thin septa.

- What is your diagnosis? [1]
- How will you risk stratify this patient? [3]
- What will be your management strategy? [3]
- How will you follow up? [3]

**Question Number : 2 Question Id : 32718720613 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) How has the randomized trial by Landoni *et al* (1997) influenced the management of early carcinoma cervix? [3]
- b) What is the current role of neoadjuvant chemotherapy prior to surgery in the management of locally advanced cervical cancer. [3]
- c) Discuss critically the trial design, participant selection criteria, interventions and outcomes and toxicities observed in this trial with respect to the above. [4]

**Question Number : 3 Question Id : 32718720614 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) What is the biological rationale behind the use of concurrent chemotherapy during radiation? [4]
- b) Briefly describe common chemotherapy regimens used concurrently with radiotherapy in patients with carcinoma cervix. [3]
- c) Briefly describe OUTBACK trial design and results. [3]

**Question Number : 4 Question Id : 32718720615 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) What is brachytherapy and why is it used in patients with carcinoma cervix? [4]
- b) Briefly describe indications, techniques and complications of interstitial brachytherapy in patients with carcinoma cervix. [6]

**Question Number : 5 Question Id : 32718720616 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction**

**Time : 0**

**Correct Marks : 10**

Describe the role of Pembrolizumab in the management of:

- a) Endometrial cancer. [6]
- b) Cervical cancer. [4]

**Question Number : 6 Question Id : 32718720617 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) What is Bevacizumab? [2]
- b) What is its role in the management of advanced ovarian cancer? [5]
- c) What are the common side effects of Bevacizumab? [3]

**Question Number : 7 Question Id : 32718720618 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) What are the potential long term side effects of chemoradiation and brachytherapy based treatment in pre-menopausal women with carcinoma cervix? [6]
- b) Briefly describe the survivorship care for these patients. [4]

**Question Number : 8 Question Id : 32718720619 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) A 63-year-old lady presented with sub-acute intestinal obstruction. She is a known patient of uterine papillary serous carcinoma (UPSC) treated by a combination of surgery, chemotherapy and radiation therapy three years back and was in remission until her last follow-up visit 6 months back. How will you manage her? [7]
- b) What is the role of anti-HER2 targeted therapy in patients with UPSC? [3]

**Question Number : 9 Question Id : 32718720620 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) How will you address the issues of pain in a 55-year-old lady with recurrent cervical cancer with severe back pain? [5]
- b) How will you manage her if she also presents with continuous urinary leak in the vagina? [5]

**Question Number : 10 Question Id : 32718720621 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) What are the 4 phases of clinical trials? [3]
- b) How will you design a phase III randomized trial to compare superiority of drug A (experiment) over drug B (control) in the treatment of recurrent ovarian cancer? [7]