

National Board of Examinations

Question Paper Name :	DrNB GYNAECOLOGICAL ONCOLOGY Paper3
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DrNB GYNAECOLOGICAL ONCOLOGY Paper3

Group Number :	1
Group Id :	3271871535
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB GYNAECOLOGICAL ONCOLOGY Paper3

Section Id :	3271871538
Section Number :	1

Section type : 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 : 3271871542
Question Shuffling Allowed : No
Is Section Default? : null

Question Number : 1 Question Id : 32718714542 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. Gestational Trophoblastic Disease:

- a) Low risk GTN. [6]
- b) Placental Site Trophoblastic Tumour. [4]

Question Number : 2 Question Id : 32718714543 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Chemotherapy in pregnancy:

- a) Under which conditions will you recommend termination of pregnancy in a woman who is also diagnosed with breast cancer and why? [5]
- b) What are the possible effects of different cytotoxic drugs to the embryo at 8 weeks of gestation? [5]

Question Number : 3 Question Id : 32718714544 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Immunotherapy:

- a) What is the rationale of immunotherapy in cancer patients? [3]
- b) Outline the role of immunotherapy in gynaecological cancer patients. [5]
- c) What is adoptive Immunotherapy? [2]

Question Number : 4 Question Id : 32718714545 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Platinum based chemotherapy:

- a) Name the drugs. [2]
- b) List their side effects. [3]
- c) Describe the use of platinum based chemotherapy in gynaecological cancers. [5]

Question Number : 5 Question Id : 32718714546 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Principles of radiotherapy:

- a) Why is radiation effective in cancer treatment? [3]
- b) What are intensity modulated radiation therapy (IMRT) and three dimensional conformal radiotherapy (3D-CRT)? [3]
- c) Compare IMRT and 3D CRT in the treatment of cervical cancer. [4]

Question Number : 6 Question Id : 32718714547 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Clinical studies:

- a) What are the different phases of clinical trials? Describe with examples. [3]
- b) Why is randomisation necessary in clinical trials? What are the methods of randomisation? [3]
- c) Describe translational research in endometrial cancer. [4]

Question Number : 7 Question Id : 32718714548 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Palliative care:

- a) What is terminal care? Who are the key stakeholders in the management of a terminally ill patient? [3]
- b) How is the family supported in a terminally ill patient? [2]
- c) Describe the care pathway of a terminally ill patient of cervical cancer. [5]

Question Number : 8 Question Id : 32718714549 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Advanced Cancer Cervix:

- a) Critically appraise the role of neoadjuvant chemotherapy in these patients. [6]
- b) How will you manage late complications of chemoradiation in these patients? [4]

Question Number : 9 Question Id : 32718714550 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Professional ethics:

- a) What are the ethical challenges in clinical trials? [4]
- b) Describe how you will design a clinical randomised controlled study that is ethically justified. [6]

Question Number : 10 Question Id : 32718714551 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Aetiologic studies:

- a) Discuss the study designs to identify a causative factor for cancer. [5]
- b) Discuss the statistical methods used to confirm aetiology. [5]