

# National Board of Examinations

**Question Paper Name :** DrNB Medical Oncology Paper3

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 1 Question Type : SUBJECTIVE**

- a) Molecular biology of renal cell carcinoma. [3]
- b) Role of surgery in renal cell carcinoma. [3]
- c) Newer advances in the treatment of metastatic renal cell carcinoma. [4]

**Question Number : 2 Question Type : SUBJECTIVE**

- a) Risk stratification of acute lymphoblastic leukemia. [3]
- b) Estimation of MRD in ALL: methods, time points and the cut off used for stratification. [4]
- c) Treatment of relapsed/refractory Ph + ALL in adults. [3]

**Question Number : 3 Question Type : SUBJECTIVE**

- a) Staging of carcinoma ovary. [3]
- b) Intra-peritoneal chemotherapy in carcinoma ovary. [3]
- c) PARP inhibitors in carcinoma ovary [4]

**Question Number : 4 Question Type : SUBJECTIVE**

- a) Define high risk and ultra-high risk multiple myeloma. [3]
- b) Role of stem cell transplant in multiple myeloma. [3]
- c) Newer agents in multiple myeloma. [4]

**Question Number : 5 Question Type : SUBJECTIVE**

- a) Risk reducing options for BRCA1/2 female carrier. [3]
- b) Diagnosis and treatment of intracranial germinoma. [4]
- c) Neo-adjuvant treatment in the context of gall bladder carcinoma. [3]

**Question Number : 6 Question Type : SUBJECTIVE**

- a) Principles of concurrent chemotherapy in head and neck cancer. [3]
- b) Management of HPV positive oropharyngeal cancer. [4]
- c) Immunotherapy in head and neck cancer. [3]

**Question Number : 7 Question Type : SUBJECTIVE**

- a) Enumerate low grade lymphomas and describe their immune-phenotypic differences. [4]
- b) List BTK inhibitors and their role in low grade lymphomas. [3]
- c) Indications for CNS prophylaxis in adult non-Hodgkin's lymphomas. [3]

**Question Number : 8 Question Type : SUBJECTIVE**

- a) Left versus right sided colon cancer. [3]
- b) Adjuvant treatment of T3N0 colon cancer. [3]
- c) Management of oligo-metastatic colon cancer. [4]

**Question Number : 9 Question Type : SUBJECTIVE**

- a) Principles of molecular testing in NSCLC. [3]
- b) Adjuvant treatment in EGFR positive NSCLC. [3]
- c) Immunotherapy in SCLC. [4]

**Question Number : 10 Question Type : SUBJECTIVE**

- a) Genetic counselling in retinoblastoma. [3]
- b) Focal therapies in retinoblastoma. [3]
- c) Treatment algorithm for bilateral retinoblastoma. [4]