

MEDICAL ONCOLOGY

PAPER - II

MED ONCO/D/13/17/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

1. A 24 year old man was given chemotherapy for a testicular tumour with paraaortic nodal metastases. Discuss how you would manage the residual lymph nodes. 10
2. What are the common AIDS-defining neoplasms? Discuss briefly your approach to a patient with an immunoblastic (plasmacytoid) lymphoma in a HIV positive patient. 10
3. Name antifungal drugs active against invasive aspergillosis. Briefly discuss their mechanism, dose and key toxicities. 10
4. Discuss National Wilms' Tumour Staging (NWTSS) for Wilms' tumour. Outline treatment of stage III Wilms' tumour. 10
5. Discuss briefly your approach to a patient aged 10 years with an MRI diagnosis of a brain stem neoplasm. 10
6. Compare the mechanism of platinum compounds in clinical use. Briefly discuss their indications, doses and key toxicities. 10
7. Name top five cancers in men and women in India. Briefly discuss trends in incidence in two cancers (one each in men and women) during the past two decades. 10
8. What are the novel targets and molecules for the treatment of soft tissue sarcomas? 10
9. List common myeloablative and reduced intensity regimens used for hematopoietic stem cell transplantation. Compare their key toxicities. 6+4
10. Discuss critically various imaging investigations and their interpretation in a 50 year old woman diagnosed to have ovarian cancer. 5+5
