



MEDICAL ONCOLOGY

PAPER – II

MED.ONCO/D/14/17/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. Discuss briefly the investigations and their interpretation for bone metastases in an 8 yr old child with mediastinal tumor. 10
2. List long term complications in survivors of Hodgkin's Lymphoma. How will you treat acute myeloblastic leukemia (AML) in a 30 year old person developing 2 years after treatment of Hodgkin's lymphoma? 4+6
3. What are the cardiac complications of anti-neoplastic agents? How are they assessed and treated? 6+4
4. What are neuroendocrine tumors of lung? Mention work up and outline treatment for a 40 year old male diagnosed to have small cell lung cancer. 3+(3+4)
5. Discuss pathology of GI-Lymphoma (Gastro-intestinal Lymphoma). How will you treat a 70 year old male with non Hodgkin's Lymphoma of ascending colon? 5+5
6. Discuss various investigations (with their interpretations) for a 50 year old female diagnosed to have metastatic colon cancer. Mention options of treatment and reasons for choosing a particular protocol. 5+5
7. Discuss staging of multiple myeloma. Write about the risk stratified management of myeloma. 4+6
8. List various dermatological complications of targeted therapies. Mention agents causing 'Hand Foot Syndrome' and briefly discuss its treatment. 3+(3+4)
9. Write about management of hormone refractory and castration resistant prostate cancer. 6+4
10. Write about molecular biology of Glioblastoma Multiforme (GBM). What are the treatment approaches in GBM? 3+7
