

MEDICAL ONCOLOGY

PAPER-III

Time: 3 hours
Max. Marks:100

MED ONCO/J/19/17/III

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.*

Write short notes on:

1. a) Staging of neuroblastoma. 3+3+4
b) Paraneoplastic syndromes associated with neuroblastoma.
c) Management of stage IV neuroblastoma.
2. a) Treatment of low risk gestational trophoblastic neoplasm. 4+3+3
b) Mixed Mullerian tumour (carcinosarcoma) of uterus.
c) Sertoli-Leydig cell tumour of ovary.
3. a) How will you evaluate a solitary, large supratentorial brain SOL in a 60-year-old male presenting with neuro-cognitive decline? 5+5
b) Management of newly diagnosed primary CNS lymphoma.
4. a) Role of autologous PBSCT in Non-Hodgkin's Lymphoma (NHL). 3+3+4
b) Conditioning regimes for autologous PBSCT in NHL.
c) Acute GVHD (Graft vs Host disease)
5. a) Indications of treatment in chronic lymphocytic leukemia (CLL). 3+3+4
b) Treatment options in newly diagnosed CLL.
c) Management of hairy cell leukemia.
6. a) How do you approach abdominal mass on 5-year-old child? 4+3+3
b) Staging of Wilms' tumour.
c) Management of bilateral Wilms' tumour.

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7. a) WHO classification of Myelodysplastic syndrome (MDS). 4+3+3
b) Prognostic scoring systems in MDS.
c) 5q deletion syndrome.
8. a) Diagnostic criteria for Waldenstrom Macroglobulinemia (WM). 3+3+4
b) International Prognostic scoring staging system in WM.
c) Treatment of newly diagnosed WM.
9. a) Management of Ph positive ALL. 4+3+3
b) Role of MRD in ALL treatment.
c) Ph like ALL and its management.
10. a) Systemic therapy for medullary thyroid cancer. 4+3+3
b) Management of radioiodine refractory papillary thyroid carcinoma.
c) Anaplastic thyroid carcinoma.
