

QP Code:102516

Reg. No.:.....

**D.M. (Paediatric Oncology) Degree Regular/Supplementary
Examinations April 2025**

**Paper II – Clinical Paediatric Oncology Part I (Hematological Malignancies and
Supportive Care)**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Discuss in detail regarding risk adapted therapy in childhood Acute Lymphoblastic Leukemia (ALL)

Short essays: (8x10=80)

2. Write short notes on:
 - Transfusion related acute lung injury.
 - Transfusion associated allo-immunization.
3. Describe the pathogenesis of Down's Syndrome and leukemia.
4. Discuss concept & clinical application of minimal-disseminated disease in paediatric NHL.
5. Approach to a child with febrile neutropenia.
6. Discuss the diagnosis, prognosis and management of Early- T- Precursor (ETP) Acute Lymphoblastic Leukemia (ALL).
7. Discuss mechanisms of altered coagulopathy in APML and its management.
8. Briefly discuss the management of post-transplant lymphoproliferative disorders.
9. Management of a child with relapsed Acute Lymphoblastic Leukemia (ALL)
