

[Time: 3 Hours]**[Max. Marks: 100]****PAEDIATRIC MEDICAL ONCOLOGY - PAPER – I****QP Code: 4135**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer All The Questions**10 X 10 = 100 Marks**

1. Discuss the causes and management of seizures in a child of Acute Lymphoblastic Leukaemia on induction chemotherapy
2. WHO ladder for management of pain in children
3. Explain cell cycle. Enumerate the cell cycle specific chemotherapeutic drugs and mechanism of action
4. Monoclonal antibodies in paediatric malignancies – indications and applications
5. L Asparaginase – various forms, mechanism of action, dose and adverse effects in paediatric of Acute Lymphoblastic Leukaemia
6. Cranial Radiotherapy in paediatric of Acute Lymphoblastic Leukaemia – indications, advantages and disadvantages
7. Various types of central lines used in children – advantages and disadvantages of tunneled vs non-tunneled catheters
8. Transfusion reactions and its management
9. Conventional Karyotyping and its application in risk stratification of Acute Lymphoblastic Leukaemia and Acute Myeloid Leukaemia
10. Newer drugs in Acute Myeloid Leukaemia

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