

**FELLOWSHIP IN PAEDIATRIC HAEMATOLOGY: WINTER – 2021**  
**SUBJECT : ONCOLOGY (PAPER – II)**

Day : Monday  
Date : 25-10-2021

Time : 02:00 PM-05:00 PM  
Max. Marks : 100

W-15321-2021

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Neat diagrams must be drawn **WHEREVER** necessary.
- 4) Your answer will be valued as a whole.

**Q.1** Long questions **ANY TWO:** **[20 marks each]**

- a) A 5 year old male child comes with history of fever since 1 month and refusal to walk. His CBC shows pancytopenia and few blasts on the peripheral smear. Discuss the approach to diagnosis. Outline principles of management of ALL.
- b) Discuss the differential diagnosis of renal masses in children. Outline the NWTS and SIOP approaches for management of unilateral Wilms tumour and discuss their merits and demerits.
- c) How would you approach and manage a 3 year old female child who presents with a massive hepatomegaly and raised alpha fetoprotein, reported as probably neoplastic on USG?

**Q.2** Write short notes on **ANY SIX:** **[10 marks each]**

- a) Management of high risk APML
- b) Tumour lysis syndrome
- c) HSCT in Paediatric Oncology
- d) Peg-L Asparaginase
- e) Surveillance plan for a survivor of Tcell ALL with testicular disease in a 10 year old child
- f) Cytogenetics in children with acute leukemia
- g) Clear cell sarcoma kidney in children
- h) Uses and side effects of cytarabine

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