

**FELLOWSHIP IN PAEDIATRIC HAEMATOLOGY -  
ONCOLOGY : WINTER - 2017  
SUBJECT: PAPER-II: ONCOLOGY**

Day :  
Date : Thursday  
05/10/2017

Time : 02.00 PM TO 05.00 PM  
Max. Marks: 100.

**W-2017-3419**

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**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.
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**Q.1 Long question (ANY TWO)**

**(20 mark each)**

- a) A 5 year old female child comes with fever and petechial spots. Her CBC shows pancytopenia and few blasts with Auer rods. Enlist the principles of WHO classification of AML and describe the management of newly diagnosed AML.
- b) Describe the types of NHL seen in children. Discuss the management of metastatic Burkitt's lymphoma.
- c) A 2 year old male child presented with an abdominal mass incidentally discovered by mother. USG abdomen done shows right sided renal mass. Discuss the approach and outline the management.

**Q.2 Write short notes on (ANY SIX)**

**(10 marks each)**

- a) CAR-T Cell therapy
- b) Tumor lysis syndrome
- c) Principles of treatment of Ewing's sarcoma
- d) Endocrine sequelae of cancer therapy
- e) Methotrexate, uses in pediatric malignancies
- f) HSCT its indications for malignant disorders in children
- g) Imatinib
- h) CNS therapy in ALL

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