

QP Code:101516

Reg.No.:.....

D.M. (Pediatric Oncology) Degree Examinations - July 2015

Paper I – Basic Science as Applied to Pediatric Oncology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the cancer genetic syndromes and role of genetic testing in pediatric cancers

Short essays:

(8x10=80)

2. Sinusoidal obstruction syndrome
3. Pros & cons of cord blood stem cell storage and its transplantation
4. Brachytherapy and its application in pediatric cancers
5. Anthracycline cardiotoxicity and its prevention
6. MR spectroscopy and its role in pediatric cancers
7. Tissue microarrays
8. Immunohistochemical and molecular diagnostic tools in small round blue cell tumors
9. Micro RNA in cancers
