

QP Code:104516

Reg.No.:.....

D.M. (Pediatric Oncology) Degree Examinations - July 2016

Paper IV – Recent Advances in Pediatric Oncology

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Monoclonal antibodies:- Types, mechanisms of action and role in pediatric cancers

Short essays:

(8x10=80)

2. Pediatric cancer vaccines
3. Proton beam radiation therapy
4. ALK inhibition in pediatric cancers
5. Nelarabine
6. Radiofrequency ablation
7. Next-generation DNA sequencing in pediatric cancers
8. Counseling of terminally ill children
9. Nephron conserving surgery in renal tumors
