

QP Code:104516

Reg.No.:.....

D.M. (Pediatric Oncology) Degree Examinations July 2017

Paper IV – Recent Advances in Pediatric Oncology

Time: 3 hrs

Max marks:100

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

Essay: (20)

1. Discuss whole genome analysis and its potential applications in pediatric cancers

Short essays: (8x10=80)

2. Chimeric antigen receptor T-Cells and its application in pediatric cancers
3. mTOR inhibition in pediatric cancers
4. Small molecule tyrosine kinase inhibitors in pediatric cancers
5. MIBG: Role in diagnostics and therapeutics of neuroblastoma
6. Management of neuropathic pain
7. Newer anti emetics
8. Sentinel lymph node sampling
9. Pegylated drugs and advantages in oncology
