

**QP Code:103516**

**Reg.No.:.....**

**D.M. (Pediatric Oncology) Degree Examinations July 2018**

**Paper III – Solid Tumors, Late effects and Palliative Care**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Describe the evolution of chemotherapy regimens in Ewing sarcoma leading to the current acceptable standards of care and the role of autologous bone marrow transplant in Ewing sarcoma

**Short essays:**

**(8x10=80)**

2. Local therapies in retinoblastoma: when to choose which and why.
3. Plain radiograph findings in a suspected case of bone tumor
4. Prognostic and therapeutic considerations for pediatric ependymomas
5. Long term adverse effects of cranio-spinal irradiation and methods of prevention
6. World health organization (WHO) analgesic ladder program
7. Nutritional issues in a palliative pediatric patient
8. Role of immunotherapy in high risk neuroblastoma
9. Investigations and management of a suspected case of craniopharyngioma

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