

FEBRUARY – 2009

[KU 018]

Sub. Code: 1302

**D.M. DEGREE EXAMINATION
(Higher Specialities)
(Revised Regulations)**

**Branch VII – Medical Oncology
Paper II– GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE**

Q.P. Code: 161302

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. A 9 year old child has been diagnosed to have bilateral proptosis. Fine needle aspiration biopsy is suggestive of round cell tumour. How will you approach to diagnosis. Give rationale for each investigation.
2. Discuss briefly tumour heterogeneity.

II. Write short notes on: 10 X 6 = 60 Marks

1. Pathology of endometrial cancer.
2. Stomach Cancer: Investigations and their interpretation.
3. Multiple Myeloma: Response Criteria.
4. Beta 2 microglobulin.
5. Opioid for advanced cancer.
6. Radiolabelled antibodies in the diagnosis of cancer.
7. CT Scan versus PET scan for Lung cancer.
8. Differential diagnosis of retroperitoneal lump in a 25 years old male.
9. Molecular biology of breast cancer.
10. Treatment of recurrent head and neck cancer.

August - 2009

[KV 018]

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D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch VII – Medical Oncology

**Paper II– GENERAL ONCOLOGY INCLUDING TUMOUR
PATHOLOGY, RADIOLOGY AND NUCLEAR MEDICINE**

Q.P. Code: 161302

Time: Three hours Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. WHO classification of ovarian tumors and role of neoadjuvant and adjuvant chemo therapy in epithelial tumors of ovary.
2. Diagnosis, staging and non surgical management of carcinoma of oesophagus.

II. Write short notes on: 10 X 6 = 60 Marks

1. Neuroblastoma.
2. Prostate cancer - staging and management.
3. Telemarase therapies.
4. Sorfenib.
5. Clinical utility of genetic testing.
6. Adjuvant therapy for early breast cancer.
7. Anaemia in multiple myeloma
8. Quality of life in breast cancer
9. Ewings sarcoma molecular biology.
10. Cancer vaccines.
