

FEBRUARY – 2009

[KU 019]

Sub. Code: 1303

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch VII – Medical Oncology

**Paper III– MEDICAL ONCOLOGY INCLUDING THERAPY,
EPIDEMIOLOGY AND REHABILITATION**

Q.P. Code: 161303

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. A 58 year old male presents with fatigue. His blood counts are : HB 11 G/dl, WBC- 39000/cmm differential – neutrophils 10%, lymphocytes – 87%, monocytes 3%, Platelets – 230,000/cmm. How will you investigate further? Briefly discuss management.
2. Discuss treatment of stage IB cervix cancer in a 25 year old, unmarried lady.

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

1. Metaanalysis.
2. Cardiac tumours.
3. Epidemiology of cancer esophagus.
4. WHO Classification for myelodysplastic syndrome.
5. Treatment of AML (acute myeloid leukemia) in a 70 year old man.
6. Chemotherapy treatment for non metastatic osteosarcoma.
7. Treatment of stage I breast cancer in a 37 year old lady.
8. Germ cell tumours of testis : Investigations and their interpretation.
9. NK cell (Natural killer cell).
10. Breast cancer stem cell.

August - 2009

[KV 019]

Sub. Code: 1303

**D.M. DEGREE EXAMINATION
(Super Specialities)**

**(Revised Regulations)
Branch VII – Medical Oncology**

**Paper III– MEDICAL ONCOLOGY INCLUDING THERAPY,
EPIDEMIOLOGY AND REHABILITATION**

Q.P. Code: 161303

Time: Three hours Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. Discuss the role of chemo radiation in squamous cell carcinoma of head and neck cancer. Write briefly on functional organ preservation.
2. Write briefly on the staging of breast cancer and role of adjuvant therapy for early breast cancer.

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

1. Current treatment options for refractory low grade NHL.
2. Imatinib resistance in CML.
3. Management of second trimester pregnant ALL patient.
4. Prostate cancer staging and management.
5. Pancreatic cancer – management with special reference to targeted therapies
6. Systemic inflammatory response syndrome (SIRS).
7. Terminally ill geriatric lung cancer patient.
8. Cancer screening - special reference to carcinoma cervix in India.
9. Cancer cachexia.
10. Retinoblastoma.
