

FEBRUARY – 2009

[KU 020]

Sub. Code: 1304

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch VII – Medical Oncology

Paper IV– RECENT ADVANCES IN MEDICALONCOLOGY

Q.P. Code: 161304

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. Write short essay on Epigenetics.
2. 'Cancer is a multistep process' Explain this with example of colon cancer. What could be possible interventions at each step?

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

1. Bortezomib.
2. Treatment of CNS leukemia.
3. T cell non Hodgkin's Lymphoma.
4. Allogeneic stem cell transplantation for immunodeficiency diseases.
5. Role of immunohistochemistry in the diagnosis of unknown primary.
6. Management of Invasive aspergillosis.
7. Treatment of superior venal cava obstruction.
8. Differential diagnosis of ovarian mass in a 15 year old girl.
9. Communication skills in oncology care.
10. Merits and demerits of treatment in asymptomatic early stage prostate cancer.

August - 2009

[KV 020]

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D.M. DEGREE EXAMINATION

(Super Specialities)

(Revised Regulations)

Branch VII – Medical Oncology

Paper IV– RECENT ADVANCES IN MEDICAL ONCOLOGY

Q.P. Code: 161304

Time: Three hours Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. Discuss briefly on the recent development in pathology, molecular biology and management of glioblastoma multiforme.
2. Management of imitinib resistant chronic myeloid leukemia.

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

1. K RAS.
2. RECIST PD – 20.
3. Lapatinib.
4. IGRT (image guided Radiotherapy).
5. Multikinase inhibitors.
6. Chemoport.
7. GVHD.
8. Molecular targeted therapy in renal cell carcinoma.
9. Chemoprevention.
10. Management of mesothelioma.
