

April-1996

AK 30

D.M. DEGREE EXAMINATION  
(Higher Specialities)

Branch VII - Oncology (Medical)  
(Revised Regulations)

Paper IV - RECENT ADVANCES IN MEDICAL ONCOLOGY  
Time: Three hours Max. marks:100

Answer All Questions

1. Discuss the clinical applications of colony stimulating factors. (25)
2. Discuss Chemoprevention. (25)
3. Write short notes on:
  - (a) Viral oncology of hepatic carcinoma
  - (b) Information systems in Oncology
  - (c) Differentiating agents
  - (d) Radiosurgery for brain tumour
  - (e) Hyperthermia. (5x10=50)

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Branch VII - Medical Oncology  
(Revised Regulations)

Paper IV - RECENT ADVANCES IN MEDICAL ONCOLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Peripheral stem cell harvesting - its use  
in cancer management. (25)
2. Recent advances in supportive care in  
cancer chemotherapy.
3. Write briefly on:
  - (a) Gene therapy
  - (b) Vaccines
  - (c) Conformational therapy
  - (d) Chemo-ports
  - (e) Gemcitabine. (5x10=50)

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D.M. DEGREE EXAMINATION

Branch VII - Medical Oncology

(Revised Regulations)

Paper IV RECENT ADVANCES IN MEDICAL ONCOLOGY

- 1 Discuss application of interleukins in cancer management
2. Write a short essay on role of P53 in malignant disease .
- 3 Short notes on
  - 1 Umbilical cord transplantation
  2. Treatment of anthracycline induced dilated cardiomyopathy 625
  3. Diet and breast cancer
  - 4 Fladarabine
  5. Antifungal prophylaxis in cancer . (5x10=50)

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Branch VII - Medical Oncology  
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IV - RECENT ADVANCES IN MEDICAL ONCOLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss clinical applications of molecular medicine in oncology. (25)
2. Discuss recent advances in the management of metastatic bone disease. (25)
3. Write briefly on:
  - (a) Heavy particle beam radiation therapy
  - (b) Photodynamic therapy

Biologic response modifiers

Newer cancer chemotherapeutic agents  
for ovarian cancer and colorectal cancer

Management of C.M.V. disease.

..x10=50)

**[SM 020]**

October-1998

**D.M. DEGREE EXAMINATION.**

(Higher Specialities)

Branch VII — Medical Oncology

(Revised Regulations)

**Paper IV — RECENT ADVANCES IN MEDICAL  
ONCOLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss briefly tumour angiogenesis with special reference to antiangiogenic therapy. (25)
2. Discuss the options of treatment for chronic myeloid leukemia in a 25 years old young man. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Prophylactic platelet transfusions in acute myeloid leukemia.
  - (b) Post transplant lymphoproliferative disease.
  - (c) Ganciclovir.
  - (d) Retinoic acid syndrome.
  - (e) Treatment of low risk febrile neutropenia.

April-2000

[KB 020]

Sub. Code : 1304

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII — Medical Oncology

(Revised Regulations)

Paper IV — RECENT ADVANCES IN MEDICAL  
ONCOLOGY

Time : Three hours

Maximum 100 marks

Answer ALL questions

1. Discuss the complications and its management in Allogenic Bone Marrow transplantation. (25)
  2. Discuss the diagnosis of minimal residual disease in cancer. (25)
  3. Write briefly on (5 × 10 = 50)
    - (a) Taxol
    - (b) Tumor Suppressor Gene
    - (c) Photo Dynamic Therapy.
    - (d) AIDS-Related malignancies
    - (e) Current status of CNS directed therapy in Acute Lymphoblastic Leukemia.
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October-2000

[KC 020]

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D.M. DEGREE EXAMINATION

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Branch VII — Medical Oncology

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Paper IV — RECENT ADVANCES IN MEDICAL  
ONCOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss briefly drug resistance and methods of overcoming drug resistance. (25)
2. Discuss the role of BMT (Bone Marrow Transplant) in the management of solid tumors. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Venous occlusive disease
  - (b) Newer antiviral agents
  - (c) Tumor vaccines
  - (d) Newer antibiotic for febrile neutropenia
  - (e) Platelet growth factor.