

D.M. DEGREE EXAMINATION, MARCH 1991.

(Higher Specialities)

Branch VII — Oncology (Medical)

Part II

Paper I — GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE

Time : Three hours.

Answer ALL the questions.

1. Discuss the impact of "Tumour cell heterogeneity" in the management of cancer.
 2. Discuss the pathology of "Small round cell tumours" and outline the management of Neuroblastoma.
 3. Write short notes on :
 - (a) Polymerase chain reaction.
 - (b) Immunological classification of Acute Lymphatic Leukemia.
 - (c) Staging of testicular cancer.
 - (d) Second malignancy.
 - (e) P-glycoprotein.
-

D.M. DEGREE EXAMINATION, SEPTEMBER 1991.

Branch VII — Oncology (Medical)

Part II

Paper I — GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE

Time : Three hours

Answer ALL questions.

1. Discuss the role of Biological response modifiers in the management of cancer.
 2. Discuss the etiology and pathology of malignant Bone Tumours. Discuss the recent trends in the management of osteogenic sarcoma.
 3. Write briefly on :
 - (a) Tumour suppressor gene.
 - (b) Minimal residual disease.
 - (c) Lymphangiography.
 - (d) Radioactive Iodine therapy.
 - (e) Tumour lysis syndrome.
-

September-1992

[341]

D.M. DEGREE EXAMINATION, SEPTEMBER 1992.

Branch VII — Oncology — Medical

Paper I — GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE

Time : Three hours

Maximum : 100 marks

1. Discuss the role of Hormonal Manipulations in Breast Cancer. Briefly review the current status of TAMOXIFEN based on various Clinical Trials. (25 marks)

2. Discuss the Clinical application of Haemopoietic Colony Stimulating Factors. (25 marks)

3. Write short notes on :

(a) Prophylactic Cranial Irradiation.

(b) Blast Crisis.

(c) Chemopreventive Agents in Malignancy.

(d) Performance Status in Malignant Disorders.

(e) Syndrome of Inappropriate ADH Secretion.

(5 × 10 = 50 marks)

November-1993

[PR 314]

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII — Oncology (Medical)

(Old/New Regulations)

Part II

**Paper I — GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE**

Time : Three hours.

Maximum : 100 marks.

1. Discuss the concept of 'Clonal Remission' in leukemia. (25)
 2. Discuss the concept of 'Dose Intensity' related to cancer chemotherapy. (25)
 3. Write short notes on :
 - (a) Apoptosis.
 - (b) Antisense oligodeoxynucleotide therapy in cancer.
 - (c) Photodynamic therapy.
 - (d) Nuclear magnetic resonance (NMR) in Oncology.
 - (e) Role of bone scan in breast cancer. (5×10=50)
-

[ND 114]

November-1994

D.M. DEGREE EXAMINATION.

(Higher Specialities)

Branch VII — Oncology (Medical)

(Old / New Regulations)

Part II

Paper I — GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Discuss the role of Tumour angiogenesis. (25)
 2. Describe the various molecular methods helpful in the management of Cancer. (25)
 3. Write short notes on :
 - (a) Imaging Neoplasms of abdomen.
 - (b) Mammography.
 - (c) Radio-Immuno Scintigraphy.
 - (d) Pre cancerous lesions.
 - (e) Blast crisis. (5 × 10 = 50)
-

D.M. DEGREE EXAMINATION
(Higher Specialities)
Branch VII - Oncology (Medical)
(Revised Regulations)

Paper II - GENERAL ONCOLOGY, TUMOUR PATHOLOGY
RADIOLOGY AND NUCLEAR MEDICINE.

Time: Three hours

Max. marks: 100

Answer All Questions

1. Discuss the 'Cell Cycle' and its clinical application in Oncology. (25)
2. Discuss the role of immunohistochemical methods in tumour diagnosis. (25)
3. Write short notes on:
 - (a) Interventional radiology in cancer diagnosis
 - (b) A model cancer screening programme for India
 - (c) Mediastinoscopy & Thoracoscopy
 - (d) Magnetic Resonance Imaging
 - (e) Chemoprevention. (5x10=50)

MP 21

April-1997

.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII - Medical Oncology

(Revised Regulations)

Paper II - GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE.

Time: Three hours

Max.marks:100

Answer All Questions

1. Interventional radiology in management. (25)
2. Discuss the pathology of malignant lymphomas. (25)
3. Write briefly on:
 - (a) Pain relief with nuclear medicine
 - (b) Mammography
 - (c) Apoptosis
 - (d) Immunophenotyping of leukaemias.
 - (e) Metastatic insufficiency. (5x10=50)

October-1997

MS 13

D.M. DEGREE EXAMINATION

Branch VII - Medical Oncology

Revised Regulations)

Paper II GENERAL ONCOLOGY, TUMOUR PATHOLOGY,
RADIOLOGY AND NUCLEAR MEDICINE

1. Discuss the role of hormones in the etiology of cancer.
 2. Write a short essay on pathology of soft tissue sarcoma.
 3. Write short notes on
 1. CT scans vs bone scans for the evaluation of bone secondaries
 2. Photo dynamic therapy
 3. Strontium therapy prostate cancer
 4. Chromosome t (14; 18)
 5. MALT lymphoma.
- (5x10=50)

April-1998

SV 21

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII - Medical Oncology

(Revised Regulations)

Paper II - GENERAL ONCOLOGY, TUMOUR PATHOLOG
RADIOLOGY AND NUCLEAR MEDICINE

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the role of viral agents in the aetiology of human cancer. (25)
2. Discuss the role of endoscopic examination in oncology practice. (25)
3. Write briefly on:

Unusual lymphoma entities

Percutaneous biopsy for cancer diagnosis

Staging for plasma cell dyscrasias

- (d) Therapeutic uses of radio isotopes in oncology

Mammography.

(5x10=50)

October-1998

[SM 018]

D.M. DEGREE EXAMINATION.

(Higher Specialities)

Branch VII — Medical Oncology

(Revised Regulations)

Paper II — GENERAL ONCOLOGY, TUMOUR
PATHOLOGY, RADIOLOGY AND NUCLEAR MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of Epstein Barr Virus (EB Virus) in the pathogenesis of malignant disorders of B cells. (25)
2. Discuss the impact of adjuvant chemotherapy in pre-menopausal women with early stage breast cancer. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Primary and secondary prevention of colorectal neoplasia.
 - (b) Molecular biology of lung cancer.
 - (c) Natural history of cervico-vaginal human papilloma virus infection in young women.
 - (d) Chemotherapy treatment for high risk gestational trophoblastic disease.
 - (e) Positron Emission Tomography.

April-2000

[KB 018]

Sub. Code : 1302

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII — Medical Oncology

(Revised Regulations)

**Paper II — GENERAL ONCOLOGY, TUMOR
PATHOLOGY, RADIOLOGY AND NUCLEAR
MEDICINE**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the management of oncologic emergencies. (25)
 2. Discuss the pathology and staging of testicular tumors and management of Non-Seminomatous Germ Cell Tumors. (25)
 3. Write briefly on (5 × 10 = 50)
 - (a) Mammography
 - (b) CT scan in cancer
 - (c) Interventional Radiology
 - (d) Radioactive iodine therapy
 - (e) Radio isotopes in Oncology
-

October-2000

[KC 018]

Sub. Code : 1302

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch VII — Medical Oncology

(Revised Regulations)

Paper II — GENERAL ONCOLOGY, TUMOR
PATHOLOGY, RADIOLOGY AND NUCLEAR
MEDICINE

Time : Three hours :

Maximum : 100 marks

Answer ALL questions.

1. Cell cycle and its clinical application for management of cancer. (25)
2. Discuss the "Real" classification in the pathology of Lymphoma. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Strontium
 - (b) Interventional Radiology
 - (c) Spiral C.T.
 - (d) Large dose scans
 - (e) Borderline tumors.