February-2005

[KM 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

Time : Three hours	Maximum : 100 marks Theory : 80 marks		
Theory : Two hours and forty minutes			
M.C.Q. : Twenty minutes	M.C.Q.: 20 marks		

Answer ALL questions.

I. Essay: $(2 \times 15 = 30)$

(1) Discuss the management of a middle aged male presenting with left supraclavicular lymph node enlargement, with a histology of "poorly differentiated malignancy".

(2) Discuss the role of chemotherapy in head and neck cancers.

- II. Write short notes on : $(10 \times 5 = 50)$
 - (a) Leptomeningeal carcinomatosis.
 - (b) Paraneoplastic syndromes.
 - (c) Management of hepatocellular carcinoma.
 - (d) Treatment of relapsed ovarian cancer.
 - (e) End points of cancer treatment.
 - (f) Treatment of Wilms' tumour.
 - (g) Primary CNS lymphoma.
 - (h) Prolymphocytic leukaemia.
 - (i) Staging and treatment of retinoblastoma.
 - (j) Acute promyelocytic leukaemia.

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Paper III — MEDICAL ONCOLOGY INCLUDING THERAPY, EPIDEMIOLOGY AND REHABILITATION

Time : Three hours	Maximum : 100 marks	
Theory : Two hours and	Theory : 80 marks	
forty minutes		
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks	

Answer ALL questions.

I. Essay: $(2 \times 15 = 30)$

 Discuss the management of mediastinal lymphoma in a 25 year old male.

(2) Discuss clinical presentations, diagnostic approach, staging and treatment options in the management of Wilm's Tumor.

II. Short notes : (10 × 5 = 50)

 (a) Staging systems of chronic myeloid Leukemia.

(b) SIADH.

(c) Treatment of low risk Gestational trophoblastic disease.

(d) Relapsed epithelial cancers of ovary.

(e) GVHD.

(f) WHO classification of Myelodisplastic syndrome.

(g) Complications of Parenteral Nutrition.

(h) Epidemiology of cervical cancer.

(i) β HCG.

(j) Treatment approach to Hormone Refractory Prostate Cancer.

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D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VII - Medical Oncology

Paper III — MEDICAL ONCOLOGY INCLUDING THERAPY, EPIDEMIOLOGY AND REHABILITATION

Time : Three hours	Maximum : 100 marks		
Theory : Two hours and	Theory : 80 marks		
forty minutes			
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks		

Answer ALL questions.

I. Essay :

 Discuss the therapeutic options in metastases confined to the liver. (20)

 A young woman is desirous of knowing her risk for familial breast cancer. Suggest an algorithm, based on available evidence, of your approach to the request. Assuming that the result is 'positive', analyse the impact of such knowledge on the woman's. (15) 3. Discuss the staging classification and management of non seminomatous germ cell cancer of the testis. (15)

II. Short notes : (6 × 5 = 30)

(a) Management of a malignant thymoma with invasion of great vessels in a 72-year-old man.

(b) Colposcopy in the evaluation and management of cervical intraepithelial neopleta.

(c) Approach to an asymptomatic woman with elevation Ca-125 whose CT Scan is negative, after successful treatment for stage 3 ovarian cancer.

(d) Place of photodynamic therapy in aerodigestive tract tumours

 (e) Non-steroidal selective cestrogen receptor blockers.

(f) Post-laryngectomy voice rehabitation.

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[KQ 019]	Sub. Code : 1303	3. pre	Discuss the major syndro disposition.	omes of genetic cancer (15)	
D.M. DEGREE EXAMINATION.		П.	Short notes :	$(6 \times 5 = 30)$	
(Higher Specialities)		 Management of pleural mesothelioma in a 40 year old man. 			
(Revised Regulations)		Bronchoscopy in the evaluation and management of early bronchogenic carcinoma.			
Branch VII - Medical Oncology		3.	3. Evaluation of metastatis of unknown origin.		
Paper III — MEDICAL ONCOLOGY INCLUDING THERAPY, EPIDEMIOLOGY AND REHABILITATION		4	Radio frequency ablation		
		5.	Bisphosphonatee		
		6.	After completion of therapy	clinics.	
Time : Three hours	Maximum : 100 marks		nan dan ang mananan katalan dan dinan dinan dinangkan katalan dan katalan di katalan katalan katalan di 🖉 🕱		
Theory : Two hours and forty minutes	Theory : 80 marks				
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks				
Answer ALI	questions.				
I. Essay :					

1. Discuss therapeutic options in CNS metastatic disease. (20)

2. Discuss staging classification and management of germ cell neoplasms of the ovary. (15)

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(Higher Specialities)

(Revised Regulations)

Branch VII - Medical Oncology

Paper III — MEDICAL ONCOLOGY INCLUDING THERAPY, EPIDEMIOLOGY AND REHABILITATION

Time : Three hours	Maximum : 100 marks
Theory : Two hours and	Theory : 80 marks
forty minutes	
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks

Answer ALL questions.

Illustrate your answers with appropriate diagrams and tables.

I. Essay:

1. Build a decision tree for the evaluation of a pleural effusion in a woman aged 60 years. (20)

2. Discuss the relationship between the various pathological prognostic factors in stage 1 and 2 endometrial carcinoma and their impact on treatment decisions. (15)

3. Discuss the preparatory regimens for a hematopoietic stem cell transplants along with their merits and demerits. (15)

- II. Short Notes :
- (a) Onconeuronal antigens and antibodies.
- (b) Lenalidomide.
- (c) Palonosetron.
- (d) Pegylated G-CSF.
- (e) Nanoparticle Paclitaxel.
- (f) Retroperitoneal lymph node dissection.

 $(6 \times 5 = 30)$

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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.

I. Essay:

1. Discuss the Therapeutic options for Stage III_B. non small cell lung cancer. (20)

2. Briefly discuss the scheme for the Diagnosis and Management of Poorly differentiated neoplasms of unknown primary site. (20)

II. Short notes : $(10 \times 6 = 60)$

(1) Endometroid borderline tumours of the ovary.

(2) Spinal axis tumours.

(3) Sacro coccyseal teratoma.

(4) Extragonadal germ cell cancer syndrome.

(5) Primary vascular lymphoma.

(6) Gastro intestinal stromal tumour.

(7) Treatment of fatigue in cancer patients.

(8) Chemotherapy for medullo blastoma.

(9) Prognostic factors in chronic lymphocytic leukemia.

(10) Management of metastatic renal cell cancer.

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August 2008

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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

ANSWER ALL QUESTIONS Draw suitable diagrams wherever necessary.

I. Essays:

- 1. Discuss the staging of renal cell carcinoma (TNM) and elaborate on the management of metastatic renal cell cancer.
- 2. Briefly discuss the diagnosis, staging and management of retintoblastoma.

II. Write short notes on:

- 1. Prognostic factior in epithelial ovarian cancer.
- 2. Pinealoblastoma.
- 3. Esthesioneuroblastoma.
- 4. TNM stage of RMS.
- 5. Chordoma.
- 6. Neoplastic menengitis
- 7. GIST
- 8. All trans retinoic acid syndrome.
- 9. Adaptive immunity
- 10. Hypercalcemia.

Maximum: 100 Marks

 $2 \ge 20 = 40$ Marks

$10 \ge 6 = 60$ Marks