

MD Medicine-MAY-JUNE 2016
Pre-University Examination
PAPER-I

Time:- 3 HRS

MM-100

- 1. Answer all questions**
- 2. Draw diagram wherever necessary**

- 1. Describe diagrammatically main motor and sensory pathways and their applied anatomy. Discuss diabetic neuropathy. 20**
- 2. Describe your approach to a case of cardiac murmur. 20**
- 3. Discuss synthesis and regulation of thyroid hormones. Describe thyroid function tests and their interpretation in thyroid disorders. 20**
- 4. Describe human haemostatic mechanism. How will you assess a case of gum bleeding. 20**
- 5. Write short notes on---- 5x4**
 - (a) Chromosomal disorders**
 - (b) Euthanasia**
 - (c) Nutrient requirement in diabetes mellitus and chronic kidney disease**
 - (d) hypothermia**

1. Answer all questions

2. Draw diagram wherever necessary

1. Describe your approach to a case of wasting of small muscles of hand and discuss its differential diagnosis. 20
2. Describe the lung defences and its related immunology. Discuss management of acute severe bronchial asthma. 20
3. Describe etiological classification of diabetes mellitus. Discuss gestational diabetes mellitus in detail. 20
4. Describe clinical features of multiple myeloma, and discuss its management. 20
5. Write short notes on---- 5x4
 - (a) Bone marrow transplantation
 - (b) Erectile dysfunction
 - (c) Management of CML and CLL
 - (d) Megaloblastic anaemia

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PAPER-III

Time:- 3 HRS

MM-100

- 1. Answer all questions**
- 2. Draw diagram wherever necessary**

- 1. Describe etiopathogenesis of infective endocarditis. Enumerate Duke's criteria. How will you manage a case of infective endocarditis. 20**
- 2. Describe pathogenesis of para-neoplastic syndrome. Name various syndromes, their clinical features, and evaluation of such patients. 20**
- 3. Describe clinical and biochemical abnormalities in chronic renal failure. Discuss your evaluation and management of a case of chronic kidney disease. 20**
- 4. Write short notes on---- 10x4**
 - (a) Mitochondrial diseases**
 - (b) Hepatic encephalopathy**
 - (c) Biologicals in rheumatoid arthritis**
 - (d) small vessel vasculitis**

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PAPER-IV

Time:- 3 HRS

MM-100

- 1. Answer all questions**
- 2. Draw diagram wherever necessary**

- 1. Discuss current therapeutic options available in the management of evolving myocardial infarction. 20**
- 2. Discuss current diagnostic methods for evaluation of a case of tuberculosis. Describe latest guidelines for management of a case of pulmonary tuberculosis. 20**
- 3. Write short notes on--- 10x 4**
 - (a) Islet cell transplantation**
 - (b) Dobutamine stress test**
 - (c) Newer novel anti-coagulants**
 - (d) Stem cell therapy**
- 4. Discuss-- 5x4**
 - (a) Panic reaction**
 - (b) RANK ligand**
 - (c) Endothelial receptor antagonist**
 - (d) Leptins**