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RAN-2406000104110501

Third M.B.B.S. Part II (New Style)

Examination April - 2025

General Medicine paper - I

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third M.B.B.S. Part II (New Style)

Name of the Subject :

General Medicine paper - I

Subject Code No.: **2406000104110501**

Seat No.:

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Student's Signature

Section 1

Q.1 Long Essay type questions (Clinical problem based) (Any 2 out of 3) 20

1. A 50 - year - old patient presents with chronic cough, breathlessness, and fatigue. He is a chronic smoker with a history of weight loss. Describe the diagnostic evaluation and management of this patient with suspected COPD.
2. A 30 - year - old female complains of palpitations, weight loss, and sweating. Thyroid function tests reveal hyperthyroidism. Discuss the clinical evaluation and management of this patient.
3. A 60 - Year - old diabetic patient has a chronic non-healing ulcer on the sole of his foot. Outline the approach to diagnosis, management, and prevention of diabetic foot complications.

Q.2 Shorty notes (Any 3 out of 4) 12

1. Differences between restrictive and obstructive lung disease.
2. Clinical features and management of iron-deficiency anemia.
3. Causes and management of upper gastrointestinal bleeding.
4. Management of acute asthma exacerbation.

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Q.3 Answer in very brief. 18

1. Name two causes of secondary hypertension.
2. Write four clinical features of hyperthyroidism.
3. Define polycythemia.
4. What are the indications for blood transfusion in anemia?
5. Mention the treatment of status epilepticus.
6. Enumerate the complications of pneumonia.
7. Define chronic kidney disease.
8. What are the side effects of methotrexate?
9. Mention the diagnostic criteria for systemic lupus erythematosus.

Section 2

Q.4 Long Essay type questions (Clinical problem based) (Any 2 out of 3) 20

1. A 45 - year - old male presents with chest pain radiating to the left arm. ECG reveals ST-elevation Describe the management of acute myocardial infarction.
2. A 28 Year - old female reports fever, fatigue, and joint pain. Laboratory investigations show pancytopenia and positive ANA. Outline the approach to diagnosis and treatment of this condition.
3. A 65 - year - old man complains of progressive memory loss and difficulty in performing daily tasks. Discuss the diagnosis and management of dementia.

Q.5 Write short notes (Any 3 out of 4) 12

1. Diagnosis and management of meningitis.
2. Diagnostic criteria and complications of metabolic syndrome.
3. Management of deep vein thrombosis.
4. Treatment of multidrug-resistant tuberculosis.

Q.6 Reasoning type questions/Short notes/Applied Aspects (Any 9 out of 10) 18

1. Define stroke and describe its clinical types.
2. Mention two causes of pancytopenia.
3. What is the drug of choice for anaphylaxis?

4. Write two features of chronic liver disease.
 5. Define sepsis and mention the initial management.
 6. List clinical features of Vitamin B12 deficiency.
 7. Describe the treatment of hyperkalemia.
 8. Mention the diagnostic approach to pleural effusion.
 9. What is the clinical significance of ECG changes in hypokalemia?
 10. Write the management of diabetic ketoacidosis.
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