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Doctor of Medicine Examination August - 2026

M.D. General Medicine (Paper - I) Set - I

[Total Marks: 100]

સૂચના : / Instructions

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book

Seat No.:

Student's Signature

- Q.1.** Discuss the role of Micronutrients in health and disease [25]
- Q.2.** Discuss malaria under following headings [25]
- a) Draw a life cycle of Plasmodium with various stages and disease patterns of recrudescence and relapse [10]
- b) Discuss ACT Kit with their rationale, various combinations, dosages and side effects [10]
- c) Malaria in pregnancy: severity, complications and treatment [5]
- Q.3.** Approach to giddiness [25]
- Q.4.** Write short notes [25]
- i) Euthanasia and physician assisted suicide
- ii) Paraneoplastic syndromes



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Doctor Of Medicine Examination August - 2026

General Medicine (Paper - II)

[Total Marks: 100

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Seat No.:

Student's Signature

- Q.1.** Define AQI. Discuss causes, health hazards and management of environmental air pollution. [25]
- Q.2.** Discuss Alcoholic hepatitis: pathophysiology, clinical manifestations and its management [25]
- Q.3.** Fever in Intensive Care Units [25]
- Q.4.** Write short notes [25]
- Discuss Tuberculosis in HIV positive patients
 - Dialysis induced Hypotension (DIH): pathophysiology and management

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General Medicine (Paper - III)

[Total Marks: 100

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Student's Signature

- Q.1. Constrictive pericarditis [25]
- Q.2. Approach to joint pain [25]
- a) Discuss Approach to articular and musculoskeletal disorders (8)
- b) Algorithm for diagnosis of musculoskeletal complaints and most common musculoskeletal conditions (8)
- c) Sites of hand wrist involvement with their potential disease associations (9)
- Q.3. Pheochromocytoma [25]
- Q.4. Write short notes [25]
- i) Evidence based medicine
- ii) Diabetic dyslipidemia

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Doctor of Medicine Examination August - 2026
General Medicine (Paper - IV)
[Total Marks: 100
સૂચના : / Instructions

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Seat No.:

Student's Signature

- Q. 1.** Complement pathways and their role in systemic diseases **(25)**
- Q. 2.** Approach to acute encephalitis syndromes in adults **(25)**
- Q. 3.** Discuss myelodysplastic syndromes **(25)**
- Q. 4.** **Write short notes** **(25)**
- i) Antiaging medications
- ii) Artificial intelligence in medicine

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M.D. Examination January - 2026
General Medicine (Paper - I)

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Seat No.:

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Student's Signature

- Q. 1. Describe blood supply of heart under the following headings. (25)**
- Proper labelled diagram
 - Origin and branches
 - Supplies
 - Functional consideration
- Q. 2. Describe Pancreatic function test under the following headings. (25)**
- Indications
 - Types
 - Interpretation
 - Clinical relevance
- Q. 3. Describe Ambulatory Blood Pressure Monitoring under the following headings. (25)**
- Principles
 - Indications
 - Advantages
 - Limitations
- Q. 4. Write short note on. (25)**
- Discuss the differential diagnosis and approach to septic mimics,
 - How do you differentiate central vs peripheral causes in Acute Vestibular Syndrome?



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General Medicine (Paper - II)

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Seat No.:

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Student's Signature

- Q. 1. Describe pericardial effusion under the following headings. (25)**
- Etiology
 - Pathogenesis
 - Clinical features and its complications
 - Management
- Q. 2. Describe Acute Myeloid Leukemia, under the following headings. (25)**
- Clinical features
 - Staging
 - Diagnosis
 - Management
- Q. 3. Describe acute paraparesis/paraplegia under the following headings. (25)**
- Etiology
 - Approach
 - Clinical features and complications
 - Management
- Q. 4. Write short note on. (25)**
- Describe the clinical features, diagnostic approach, clinical significance, and management of Diabetic Cheirarthropathy.
 - Paraneoplastic syndromes

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M.D. Examination January - 2026

General Medicine (Paper - III) (SET - A)

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Seat No.:

Student's Signature

- Q. 1. Describe malabsorption syndrome under the following headings. (25)**
- Aetiopathogenesis
 - Clinical features
 - Diagnostic criteria
 - Management
- Q. 2. Describe Chronic obstructive pulmonary disease under the following headings. (25)**
- Aetiopathogenesis
 - Clinical features
 - Diagnosis
 - Management
- Q. 3. Describe organophosphate poisoning under the following headings. (25)**
- Aetiopathogenesis
 - Clinical features and complication
 - Diagnosis
 - Management
- Q. 4. Write short note on. (25)**
- Metabolic Complications of Antiretroviral Therapy
 - Nosocomial and device related infections

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M.D. Examination January - 2026
General Medicine (Paper - IV)

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Seat No.:

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Student's Signature

- Q. 1. Describe Parenteral nutrition therapy under the following headings. (25)**
- Definition, composition, principles and route of administration and
 - Indications and contraindications
 - Advantages and disadvantages
 - Recent advances
- Q. 2. Describe Acute Respiratory Distress Syndrome under the following headings. (25)**
- Definition
 - Etiopathogenesis
 - Diagnosis
 - Management and prognosis
- Q. 3. Describe myasthenia gravis under the following headings. (25)**
- Etiopathogenesis
 - Clinical features and classification
 - Diagnosis
 - Management and prognosis
- Q. 4. Write short note on. (25)**
- Current and promising treatments in leishmaniasis
 - Radiation hazards