

2406120501010501
EXAMINATION JANUARY 2025
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - I -
LEVEL 1

[Time: As Per Schedule]

[Max. Marks:100]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **DOCTOR OF MEDICINE**
 - b. Name of the Subject : **DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - I - LEVEL 1**
 - c. Subject Code No : **2406120501010501**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

- Q.1** Describe the anatomy of hepatobiliary system. discuss jaundice under following headings:
- a) Types
 - b) Causes
 - c) Clinical diagnosis
 - d) Investigations and treatment
- Q.2** Discuss Acid-Base disorders under following headings
- a) Types
 - b) Regulation of acid base disorders
 - c) Etiology of various types of Acid-Base balance disorders
 - d) Clinical features and Treatment
- Q.3** Discuss Nutrition under following headings
- a) Assesment of nutrient deficiencies
 - b) Clinical features of various nutrient deficiencies
 - c) Treatment of malnutrition
 - d) Total parenteral nutrition.

Q.4 Write short notes on:-

- a) Approach to patient in shock
- b) Hypothyroidism

*******END*******

2406120501010502
EXAMINATION JANUARY 2025
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - II -
LEVEL 1

[Time: As Per Schedule]

[Max. Marks:100]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **DOCTOR OF MEDICINE**
 - b. Name of the Subject : **DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - II - LEVEL 1**
 - c. Subject Code No : **2406120501010502**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

- Q.1** Describe the conducting pathway of heart. 25
Discuss Arrhythmias under following headings
- a) Classification
 - b) Pathophysiology
 - c) ECG and Clinical features
 - d) Treatment.
- Q.2** Discuss thyrotoxicosis under following headings 25
- a) Pathophysiology.
 - b) Clinical features.
 - c) Investigations.
 - d) Treatment.
- Q.3** Describe acute kidney injury under following heads 25
- a) Pathophysiology
 - b) Etiology.
 - c) Clinical features.
 - d) Diagnosis.
 - e) Treatment.

Q.4 Write short notes on:

25

- a) Psoriasis
- b) Wegener's granulomatosis.

*****END*****

2406120501010503
EXAMINATION JANUARY 2025
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - III -
LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 100]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **DOCTOR OF MEDICINE**
 - b. Name of the Subject : **DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - III - LEVEL 1**
 - c. Subject Code No : **2406120501010503**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

- Q.1** Discuss interstitial Lung disease under following heads **25**
- a) Pathophysiology and classification
 - b) Etiology
 - c) Clinical features.
 - d) Diagnosis and Treatment.
- Q.2** Discuss malabsorption syndrome under following heads **25**
- a) Pathophysiology
 - b) Etiology
 - c) Clinical features.
 - d) Diagnosis and Treatment.
- Q.3** Discuss malaria under following headings **25**
- a) Causative organism and life cycle M.
 - b) Clinical features
 - c) complications
 - d) Treatment and Prevention.
- Q.4** **Short notes** **25**
- a) Obsessive compulsive disorder

b) Monkey pox infection

EXAMINATION JANUARY 2005
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - III
LEVEL 1

Time: 45 Per Schedule

Answer any 4 questions out of the following 5 questions. All questions are compulsory.

1. A 35-year-old male patient presents with a 2-week history of fever, malaise, and a skin rash. The rash is characterized by small, raised, vesicular lesions. The patient also reports a recent contact with a child who had a similar illness.

2. A 45-year-old female patient presents with a 10-day history of fever, headache, and a skin rash. The rash is characterized by small, raised, vesicular lesions. The patient also reports a recent contact with a child who had a similar illness.

3. A 55-year-old male patient presents with a 10-day history of fever, malaise, and a skin rash. The rash is characterized by small, raised, vesicular lesions. The patient also reports a recent contact with a child who had a similar illness.

4. A 65-year-old female patient presents with a 10-day history of fever, malaise, and a skin rash. The rash is characterized by small, raised, vesicular lesions. The patient also reports a recent contact with a child who had a similar illness.

5. A 75-year-old male patient presents with a 10-day history of fever, malaise, and a skin rash. The rash is characterized by small, raised, vesicular lesions. The patient also reports a recent contact with a child who had a similar illness.

- Q1. Discuss aetiology, pathogenesis and clinical features of the following diseases.
- a) Pathophysiology and classification
 - b) Etiology
 - c) Clinical features
 - d) Diagnosis and treatment
- Q2. Discuss aetiology, pathogenesis and clinical features of the following diseases.
- a) Pathophysiology
 - b) Etiology
 - c) Clinical features
 - d) Diagnosis and treatment
- Q3. Discuss aetiology, pathogenesis and clinical features of the following diseases.
- a) Causative organism and life cycle
 - b) Clinical features
 - c) Complications
 - d) Treatment and prevention
- Q4. Short notes
- a) Classic epidemiology

2406120501010504
EXAMINATION JANUARY 2025
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - IV
- LEVEL 1

[Time: As Per Schedule]

[Max. Marks:100]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **DOCTOR OF MEDICINE**
 - b. Name of the Subject : **DOCTOR OF MEDICINE (GENERAL MEDICINE) PAPER - IV - LEVEL 1**
 - c. Subject Code No : **2406120501010504**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

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Student's Signature

- Q.1 Discuss stem cell Therapy under following heads** **25**
- a) Define stem cell and explain the differences between embryonic, adult and induced pluripotent stem cell
 - b) Explain the sources of stem cells and their clinical applications
 - c) Discuss the use of stem cells in various disorders
 - d) What are the challenges and limitations in ensuring safety and efficacy in stem cell therapy
 - e) What are the ethical and regulatory considerations in stem cell therapy
- Q.2 Discuss recent advances in treatment of Cancer** **25**
- Q.3 Discuss recent investigations and treatment of Epilepsy** **25**
- Q.4 Write short notes** **25**
- a) Macrophage activation syndrome
 - b) Disease modifying antirheumatic drugs

*****END*****