

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (GENERAL MEDICINE) DEGREE EXAMINATION – MAY 2026**

**PAPER I**

Monday, May 18, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

✍ **Long Questions:**

1. Describe Hypothalamic Pituitary Axis. What are the common disorders associated with dysregulation of Hypothalamus-Pituitary Axis? Discuss the clinical presentation and approach to Sheehan's syndrome.

(15 marks)

2. Describe lung function tests. Discuss the diagnostic utility of FeNO and DLCO in general. How could these tests influence decision making in Restrictive Lung Disease?

(15 marks)

**3. Short answer questions:**

3A. GMCSF: applications in treatment.

3B. Briefly discuss the role of precision medicine in diagnosis and management.

3C. Briefly discuss role of AI in diagnostics with examples.

3D. Describe the clinical relevance of area under the curve.

3E. Kruskal-Wallis Test.

3F. Describe ITT analysis and its application in clinical practice.

3G. What is SPIKES approach in communication?

3H. Principles of Elisa test.

3I. Glomerular filtration rate: Methods of calculation and their clinical relevance.

3J. Plethysmography.

(7 marks × 10 = 70 marks)



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**MD (GENERAL MEDICINE) DEGREE EXAMINATION – MAY 2026**  
**PAPER II**

Tuesday, May 19, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer all the questions.**

✍ **Long Questions:**

1. Discuss the risk factors, clinical features, differential diagnosis and management of obstructive sleep apnoea in adults.  
(15 marks)
2. Discuss the pathophysiology, clinical presentation and diagnosis of paraneoplastic neurological syndromes.  
(15 marks)

3. **Short answer questions:**

- 3A. Occupational Asthma.
- 3B. Hirsutism.
- 3C. Treatment of Multiple myeloma.
- 3D. Glucose 6 phosphate dehydrogenase deficiency.
- 3E. Extracorporeal life support [ECLS].
- 3F. Zinc deficiency.
- 3G. Discuss the treatment of myasthenia gravis.
- 3H. Discuss medical preparation for surgery in a patient with pheochromocytoma.
- 3I. Treatment of autoimmune haemolytic anaemia.
- 3J. Total Parenteral nutrition.

(7 marks × 10 = 70 marks)





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**PAPER IV**

Thursday, May 21, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

✍ **Long Questions:**

1. Define and classify ESBL bacteria. Add a note on treatment of Carbapenem resistant *Klebsiella pneumoniae* and *Acinetobacter baumannii*.  
(15 marks)
2. Discuss the aetiopathogenesis, clinical manifestations and an approach to neurological complications of HIV.  
(15 marks)

3. **Short answer questions:**

- 3A. Talaromyces
- 3B. Paraquat poisoning
- 3C. Scorpion bite
- 3D. WHO analgesic ladder
- 3E. Discuss reversible dementia
- 3F. Echinocandins
- 3G. Treatment of various types of Brucellosis
- 3H. CAR -T cell therapy
- 3I. Alopecia
- 3J. Alcohol Withdrawal

(7 marks × 10 = 70 marks)

