

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MD 0524]**

**MAY 2024**

**Sub. Code: 4003**

**M.D. DEGREE EXAMINATION**

**BRANCH I – GENERAL MEDICINE**

**PAPER III – TROPICAL MEDICINE AND INFECTIOUS DISEASES**

***Q.P. Code: 204003***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiopathogenesis, clinical manifestations and management of Leptospirosis.
2. Discuss the etiopathogenesis, clinical manifestations and management of Lymphatic Filariasis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Serological tests for syphilis.
2. Yellow oleander poisoning.
3. Management of cobra bite.
4. Spinal cord involvement in HIV infection.
5. Heat exhaustion.
6. Post-transplantation infections.
7. Cryptococcosis.
8. Vitamin B12 deficiency.
9. Free-living amoebae infections of central nervous system.
10. Fungal infections of the lungs.

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**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MD 1224]**

**DECEMBER 2024  
(OCTOBER 2024 EXAM SESSION)**

**Sub. Code: 4003**

**M.D. DEGREE EXAMINATION**

**GENERAL MEDICINE**

**PAPER III – TROPICAL MEDICINE AND INFECTIOUS DISEASES**

***Q.P. Code: 204003***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Discuss etiopathogenesis, clinical features, diagnosis and management of acute bacterial meningitis.
2. Describe the etiology, clinical features, diagnosis and treatment of dengue fever.

**II. Write notes on:** **(10 x 7 = 70)**

1. Scrub Typhus.
2. Amoebiasis.
3. Heat Stroke.
4. Pneumocystis jirovecii pneumonia.
5. Tropical Pulmonary Eosinophilia.
6. Paucibacillary leprosy – Diagnosis and treatment.
7. Parvovirus B 19 infection.
8. Candidiasis.
9. HAART (Highly Active Antiretroviral Therapy).
10. Brucellosis.

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**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MD 0525]**

**MAY 2025**

**Sub. Code: 4003**

**M.D. DEGREE EXAMINATION**

**GENERAL MEDICINE**

**PAPER III – TROPICAL MEDICINE AND INFECTIOUS DISEASES**

***Q.P. Code: 204003***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail about etiology, pathophysiology, lab investigations, diagnosis and complications of Malaria. Treatment of Cerebral malaria.
2. Explain in detail about Aspergillosis, its clinical manifestations, investigations and treatment.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Toxic staphylococcal shock syndrome.
2. Clinical features and management of Respiratory Diptheria.
3. Extraintestinal infection syndrome of E. coli.
4. Burkholderia pseudomallei.
5. Multidrug resistant tuberculosis.
6. Central and peripheral nervous system involvement of Herpes Simplex Virus.
7. Clinical features and treatment of Influenza virus.
8. Immune reconstitution inflammatory syndrome.
9. Clinical manifestations of rabies.
10. Amoebic liver abscess.

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**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY**

**[MD 1025]**

**OCTOBER 2025**

**Sub. Code: 4003**

**M.D. DEGREE EXAMINATION**

**GENERAL MEDICINE**

**PAPER III – TROPICAL MEDICINE AND INFECTIOUS DISEASES**

***Q.P. Code: 204003***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiopathogenesis, clinical manifestations, complications, investigations and treatment of Enteric fever.
2. Discuss the etiopathogenesis, various neurological manifestations, complications, investigations and treatment of Neurocysticercosis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Treatment of syphilis.
2. RABIES management.
3. Food poisoning and its etiology.
4. Cerebral malaria and its management.
5. Hantavirus infection.
6. Adult vaccination.
7. Pontiac fever.
8. Treatment and Prevention of Opportunistic infections in HIV.
9. Clinical manifestations and treatment of Atypical Mycobacterial infections.
10. Clinical features, complications and management of measles.

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