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

**[MD 0524]** **MAY 2024** **Sub. Code: 4023**

**M.D. DEGREE EXAMINATION**

**BRANCH VII – PAEDIATRICS**

**PAPER III – GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALTIES**
**(CLUSTER I : NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION INFECTIOUS DISEASES, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIORAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)**
***Q.P. Code: 204023***

**Time: Three Hours** **Maximum: 100 Marks**

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

1. Approach to 2 yr old child with Status epilepticus.
2. Assessment of physical growth by Anthropometric measurements and growth charts and its clinical significance.

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

1. Fussy infant.
2. Congenital cataract
3. Pediatric triage Management in emergency.
4. Juvenile rheumatoid arthritis.
5. Acute laryngotracheobronchitis.
6. Paracetamol poisoning
7. Dilated cardiomyopathy.
8. Management and followup of kawasaki disease.
9. Complications of pediatric obesity.
10. Disorder of genetic imprinting.

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

**[MD 1224] DECEMBER 2024 Sub. Code: 4023**
**(OCTOBER 2024 EXAM SESSION)**

**M.D. DEGREE EXAMINATION**

**PAEDIATRICS**
**PAPER III – GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALTIES**
**(CLUSTER I: NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION INFECTIOUS DISEASES, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIORAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)**
***Q.P. Code: 204023***

**Time: Three Hours** **Maximum: 100 Marks**

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

(3+5+5+2)

1. Discuss the ILAR classification of Juvenile Idiopathic Arthritis. How do you evaluate a 11-year-old female child with joint pain and early morning stiffness for 3 months. Add a note on management and complications of JIA.

(5+4+6)

2. How do you evaluate a 2-year-old child with weight 6 kgs came to E-Room with loose stools, lethargy and shock. Enumerate the clinical features of kwashiorkor and nutritional marasmus. Describe current recommendations for management of acute severe malnutrition.

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

1. Nutritional framework for early childhood development.
2. Diagnosis, management and treatment of MDR-TB, XDR TB.
3. Age independent Anthropometric indicators.
4. Management of Falciparum Malaria.
5. Scorpion Envenomation.
6. Role of Early Stimulation in Developmental delay.
7. Nutritional recommendation of an adolescent athlete.
8. HPV vaccine.
9. Compare Trivandrum development scale and DASII.
10. RGA scoring for Rickettsial Infections.

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

**[MD 0525]** **MAY 2025** **Sub. Code: 4023**

**M.D. DEGREE EXAMINATION**

**PAEDIATRICS**

**PAPER III – GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALITIES**

**(CLUSTER I: NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION INFECTIOUS DISEASES, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIORAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)**

***Q.P. Code: 204023***

**Time: Three Hours** **Maximum: 100 Marks**

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

1. Approach to a 2-year-old child presents with acute onset of Stridor.
2. Define Over weight and obesity. Enumerate the causes, clinical features, complications and management of Childhood obesity.

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

1. Reactive infectious mucocutaneous eruption.
2. Temper tantrum.
3. NAIDS (Nutritional Acquired Immunodeficiency Syndrome).
4. Bruton agammaglobulinemia.
5. Management of Immune Thrombocytopenia.
6. Vaccination following stem cell therapy.
7. Peri-orbital cellulitis.
8. Microcephaly.
9. Management of Iron poisoning.
10. Allergic Rhinitis.

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

**[MD 1025]** **OCTOBER 2025** **Sub. Code: 4023**

**M.D. DEGREE EXAMINATION**

**PAEDIATRICS**

**PAPER III – GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALITIES**

**(CLUSTER I: NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION INFECTIOUS DISEASES, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIORAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)**

***Q.P. Code: 204023***

**Time: Three Hours** **Maximum: 100 Marks**

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

(5+5+5)

1. Discuss the evaluation plan of 7-year-old boy brought to emergency with cold peripheries, petechial rashes and history of fever for last five days. Discuss the Recent WHO classification and management guidelines of Dengue Fever.

(5+6+4)

2. 8-year-old girl was rushed to ER with effortless Tachypnoea, polyuria, dehydration and loss of consciousness. Her blood glucose levels were 480mgs/dl, pH – 7.2, Serum Bicarbonate was 8 mEq/L. Discuss the biochemical changes in diabetic ketoacidosis. Write in detail about the management and complications of diabetic ketoacidosis.

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

1. HEADSSS in Adolescenct History taking.
2. Missed Opportunities.
3. Hydrocarbon poisoning.
4. DSM 5 criteria for autism spectrum disorders.
5. Nutrition Recovery Syndrome.
6. Picky eater and Neophobia.
7. Post Exposure prophylaxis for Rabies.
8. Transient Neonatal Dermatosis.
9. Multisystem inflammatory syndrome in children (MIS-C).
10. Drug resistant enteric fever.

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

**[MD 0526]** **MAY 2026** **Sub. Code: 4023**

**M.D. DEGREE EXAMINATION**

**PAEDIATRICS**

**PAPER III – GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALITIES**

**(CLUSTER I: NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION INFECTIOUS DISEASES, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIORAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)**

***Q.P. Code: 204023***

**Time: Three Hours** **Maximum: 100 Marks**

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

1. Discuss the pathophysiology and clinical manifestations of different types of Shock. Outline the management of Septic shock in children.

2. Define Short stature. Enumerate the causes, types and approach to a child with short stature.

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

1. Toxic Epidermal Necrolysis.
2. Truancy.
3. Responsive feeding.
4. Severe Combined Immunodeficiency (SCID).
5. Diagnostic criteria for Systemic Lupus Erythematosus.
6. Vaccination and follow-up of a baby of Hepatitis B positive mother.
7. Orbital cellulitis.
8. Craniosynostosis.
9. Management of Organophosphorus poisoning.
10. Atopic dermatitis.

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