

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

[MD 0524]

MAY 2024

Sub. Code: 4024

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

**PAPER IV – PAEDIATRIC MEDICINE INCLUDING ADVANCES
IN PAEDIATRICS RELATING TO CLUSTER II SPECIALTIES
(CLUSTER II : NEUROLOGY AND DISABILITIES, NEPHROLOGY, HEMATOLOGY
AND ONCOLOGY, ENDOCRINOLOGY, GASTROENTEROLOGY AND
HEPATOLOGY, RESPIRATORY AND CARDIOVASCULAR DISORDERS)**

Q.P. Code: 204024

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Enumerate the various functions of Growth hormone and describe the indications of Growth hormone therapy.
2. Etiopathogenesis, clinical features and management of portal hypertension.

II. Write notes on:

(10 x 7 = 70)

1. Recent advances in the management of childhood asthma.
2. Polysomnography and its role in children.
3. High Flow nasal oxygen therapy in children.
4. Role of ultra sonogram in Neonatal Intensive Care Unit.
5. Cytogenetics in acute leukemia.
6. Wilms tumour.
7. Current guidelines for management of vesicouretric reflux in children.
8. Pediatric RIFLE criteria for acute kidney injury.
9. Fulminant hepatic failure.
10. Persistent diarrhea.
