

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.D. DEGREE EXAMINATION - October 2019

PAEDIATRICS

**PART II - PAPER III : SPECIALITIES OF PAEDIATRICS AND
RECENT ADVANCES**

Time: Three hours

Maximum: 100 marks

Answer ALL questions

SECTION- A

I. Essay: (1 x 20 = 20)

1. Discuss treatment of genetic disorders and principles of genetic counseling.

II. Write short notes on: (5 x 6 = 30)

2. Criteria for brain death
3. Therapeutic hypothermia in newborn
4. Botulinum toxin
5. Diagnosis and treatment of celiac disease
6. Epileptic encephalopathies.

SECTION- B

I. Essay: (1 x 20 = 20)

7. Discuss the current classification, risk stratification and chemotherapy of ALL (Acute Lymphoblastic Leukemia).

II. Write short notes on: (5 x 6 = 30)

8. Procalcitonin
9. Antenatally diagnosed hydronephrosis
10. Microbiome
11. Levosimendan
12. Polymerase Chain Reaction (PCR).