

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) PUNE, INDIA

Department of Pediatrics

– MD (Pediatrics)

Paper 4: Cluster 2- Systemic Pediatrics

Date: Friday

Day: 23-12-2022 W-725-2022

Total Marks: 100

Time: 1:30 P.M. TO 4:30 P.M.

N.B:

1. All questions are **compulsory**.
2. Figures to the **right** indicate full marks.
3. Neat diagrams must be drawn **wherever** necessary.
4. Your answer will be valued as a whole.

1. Describe the new treatment modalities for hypoxic-ischaemic encephalopathy (HIE). What are the long-term outcomes in later childhood and adolescence in children with a history of HIE (15 Marks)

2. What are the causes of Per-rectal bleeding in a 2-year-old child? Discuss the investigations and management of the same. (15 Marks)

3. Short notes on any **SEVEN**: (10x7=70 Marks)

- a. Diagnosis and management of migraine in a school-age child
- b. Investigation and management of precocious puberty
- c. Management of idiopathic hypertrophic pyloric stenosis; medical and surgical options
- d. Acute painful scrotum- differential diagnosis and management
- e. West syndrome
- f. Rapidly progressive crescentic glomerulonephritis
- g. Management of spasticity in cerebral palsy
- h. Newer insulins