



**PZ-9044**

Seat No. \_\_\_\_\_

**M. D. (Branch - V) Examination**

**July - 2020**

**Basic Science : Paper - I**

Time : 3 Hours]

[Total Marks : 100

- 1 Write about auditory pathway. Etiology, diagnosis **5+10+5**  
and management of children with deafness. Write about  
neonatal hearing screening protocol.
  
- 2 Write about physiology and regulation of thyroid **7+9+4**  
hormone. Etiology, clinical features, diagnosis and  
management of hypothyroidism in children. Write about  
neonatal screening protocol for hypothyroidism.
  
- 3 Write short notes on : **30**
  - (a) Write about the compliment pathway. Write notes on  
compliment disorders.
  - (b) Management of child with organo phosphorus poisoning
  - (c) Interpretation of CBC in context of child presenting  
with fever for more than 7 days duration.
  
- 4 Write short notes on : **30**
  - (a) Etiology and clinical features of hyponatremia, How do  
you manage a child presented with serum sodium of  
115meq / litre ?
  - (b) Rapid sequence intubation.
  - (c) Role of passive immunization in various pediatric  
diseases.