

QP Code:101111

Reg.No.:.....

**PG Degree Examinations in Paediatrics (MD) - May 2013**

**Paper I- Basic Science Applied to Paediatrics**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. A ten year old boy was evaluated for recurrent poly arthritis involving large joints and small joints. There was a history of hoarseness and defective vision. Discuss the investigations, differential diagnosis and management.

**Short essays:**

**(8x10=80)**

2. Pathophysiology of metabolic acidosis
3. Autosomal recessive disorders
4. Muscarinic effects of organophosphates poisoning
5. Indications for prenatal ultrasonography
6. Serum bilirubin in neonate
7. Compare and contrast: normal saline and ringer lactate
8. Lung function abnormalities in restrictive lung disorders
9. Active immunisation

\*\*\*\*\*