

**Pg Degree Examinations in Paediatrics (MD) – June 2012**

**Paper I – Basic Sciences Applied to Paediatrics**

**Time:3hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Discuss the factors affecting growth and development. Mention the common aberrations and how do you assess growth.

**Short essays:**

**(8x10=80)**

2. Vitamin D metabolism
3.  $CD_4$  count
4. Congenital anomalies of the limb
5. CSF analysis
6. Liver function tests
7. Bone marrow transplantations
8. Diagnostic evaluation of renal disorders
9. Blood brain barrier

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