

March 2009

[KU 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**Branch VII – PAEDIATRICS**

**(For candidates admitted from 2004-2005 to 2007-2008 onwards)**

**Paper IV – SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

*Q.P. Code : 202085*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions : (2 x 20 = 40)**

1. Etiology, clinical features, investigations, management and complications of enteric fever. How will you manage multi drug resistant salmonella typhi (MDR-ST) infection?
2. Discuss the current perspectives of thalassemia syndrome. Add a note on recent advances in iron chelation therapy.

**II. Write short notes on : (10 x 6 = 60)**

1. Anemia in lead poisoning.
2. Blood component therapy in pediatric practice.
3. Stem cell transplantation.
4. Primary immunodeficiencies.
5. Counseling a mother for her dying child.
6. Recent vaccine related deaths in Tamil Nadu.
7. Childhood obesity and risk factors.
8. The role of recent vaccines in child health.
9. BPNI (Breast feeding promotion network in India).
10. Recent advances in nebulisation and inhaler therapy for asthma.

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September - 2009

[KV 134]

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**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions : (2 x 20 = 40)**

1. Discuss the biochemical changes in diabetic ketoacidosis. Write in detail about the management of diabetic ketoacidosis.
2. Discuss the causes of anaemia in a 3 year old child. How will you investigate this child?

**II. Write short notes on : (10 x 6 = 60)**

1. Anti-oxidants
2. Insulin like growth factor.
3. Newer anti-epileptic drugs.
4. Newer iron chelating agents.
5. Rational use of cephalosporins.
6. Helicobacter pylori in children.
7. Pneumococcal vaccine.
8. Stem cell transplant.
9. Non-invasive ventilation.
10. Newer diagnostic techniques for tuberculosis.

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