

**QP Code: 104517**

**Reg. No: .....**

**D.M. (Neonatology) Degree Examinations July 2017**

**Paper IV– Recent Advances, Research Methodology, Allied Disciplines (Eg Pediatric Surgery) Neurodevelopmental Follow-Up, Rehabilitation Etc.**

**Time: 3 hrs**

**Max marks: 100**

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

**Essay:**

**(20 marks)**

1. Discuss the recent advances in techniques and approach to the use of surfactant replacement in preterm newborn.

**Short essays:**

**(8x10=80)**

2. Systematic reviews versus narrative reviews
3. CONSORT guidelines
4. Management of an infant born with trachea-esophageal fistula
5. Developmental handicaps of preterm skin and skin care of preterm newborn
6. Brain stem auditory evoked potentials in preterm newborn
7. Approaches to prevention of prematurity
8. Organization of retinopathy of prematurity screening services in a hospital
9. Role and importance of vernix caseosa

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