

QP Code: 104517

Reg. No:

D.M. (Neonatology) Degree Examinations July 2019

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)

1. What is “systematic review”. What are the steps required for a good systematic review.

Short essays:

(8x10=80)

2. Explain humidified high flow nasal cannula therapy, with its principle and uses.
3. Discuss the long term medical and neurodevelopmental morbidities of extremely low birth weight neonates.
4. Discuss organization of the developmentally supportive care in resources poor setting.
5. Discuss antenatal use of magnesium and its neuro protection in neonates
6. Magnetic resonance images in hypoxic ischemic encephalopathy.
7. Discuss on levels of evidences and classes of recommendation
8. Discuss the ventilation associated pneumonia prevention
9. Recent evidences for use of probiotics in neonates.
