

QP Code: 104517

Reg. No:

**D.M. (Neonatology) Degree Regular/Supplementary Examinations
September 2020**

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 to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Describe in detail a model post-discharge follow up program for high risk neonates at a tertiary care centre.

Short essays: (8x10=80)

2. Intergrowth – 21 study: critical appraisal and implication for practice/policy
3. Postnatal steroids – role in management of BPD
4. You are working in level-3 neonatal unit that does not currently have facilities for donor milk banking. How will you go about establishing one in your unit.
5. Novel methods of surfactant administration in preterm neonates
6. Use of simulators in education of neonatal health professionals – merits and demerits
7. Classification and management of retinopathy of prematurity
8. Ano-rectal anomalies and their management
9. Define and discuss: relative risk vs attributable risk; and standard deviation vs standard error.
