

NEONATOLOGY

PAPER-III

Time: 3 hours
Max. Marks:100

NEONAT/D/20/19/III

Important Instructions:

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. GERD: define, enumerate risk factors of GERD in newborn, diagnosis and treatment. 2+3+3+2
2. Define Perinatal SARS CoV-2 infection. Why newborns are less prone to SARS CoV-2 infection? Describe various practices to prevent perinatal transmission. 3+3+4
3. Important practice changes and its justification in recent Neonatal Resuscitation guidelines, 2020. 10
4. Recent proposed classification of NEC and QI Practices to achieve Zero NEC. 5+5
5. a) Oligosaccharides in breast milk. 5+5
b) Measures to increase MOM.
6. a) Diagnosis and severity classification of post hemorrhagic ventricular dilatation. 2+3+5
b) Recent treatment recommendations as per risk stratifications.
7. a) Targets of LAQSHYA. 5+5
b) MAA programme.
8. Ethical and Medico-legal dilemmas in delivery room emergencies. 10
9. a) Modified BIND score. 5+5
b) Thompson HIE score.
10. a) Describe tools for assessment of preterm infants on follow up. 5+5
b) Prevention and management of osteopenia of prematurity.
