

D.M. (SUPER SPECIALITY)
D.M. NEONATOLOGY :SUMMER- 2022
SUBJECT : PAPER – I : BASIC SCIENCES, RESEARCH METHODOLOGY,
PERINATOLOGY

Day : Thursday

Time : 01:00 PM-04:00 PM

Date : 1/9/2022

S-20294-2022

Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
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Long questions (15 mark each)

- 1 Discuss development of blood brain barrier. Discuss pathophysiology and classification of BIND.
- 2 Discuss various characteristics of diagnostic test in research methodology.

Write notes on : (10 marks each)

- 1 Lactate
- 2 Blood culture
- 3 Funnel Plot
- 4 Discuss evolution and evidence in resuscitation of a baby born through meconium stained amniotic fluid
- 5 Vasopressin
- 6 Fetal Doppler and clinical implications
- 7 Umbilical cord gases
