

D.M. – NEONATOLOGY

Paper III – CLINICAL NEONATOLOGY AND NEONATAL INTENSIVE CARE INCLUDING NEONATAL TRANSPORT

Q.P. Code: 161453

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss prevention of health care associated infections in an NICU. Discuss in detail about Antibiotic stewardship.
2. Factors associated with ventilator induced lung injury. Describe lung protective strategies in detail in a ventilated newborn.

II. Write notes on:

(10 x 7 = 70)

1. Newer anticonvulsants.
2. Short bowel syndrome.
3. Measures to determine oxygenation in a ventilated newborn.
4. Supraventricular tachycardia in fetus and newborn.
5. Mechanism of action of high frequency ventilation.
6. Uses of donor milk and challenges in establishing a donor milk bank.
7. Management of a pregnant woman (and her newborn) whose VDRL at 36 weeks is positive with a titre of 1:16
8. Hemodynamically significant patent ductus arteriosus.
9. Post hemorrhagic hydrocephalus.
10. Collodion baby and harlequin fetus.
