

[LB 082]

AUGUST 2012

Sub. Code: 1452

D.M- NEONATOLOGY

Paper – II CLINICAL NEONATOLOGY

Q.P. Code: 161452

Time: 3 hours
(180 Min)

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|--|----|----|----|
| 1. Elaborate on the evaluation of a Neonate with thrombocytopenia. | 16 | 35 | 15 |
| 2. Write in detail about factors affecting fetal weight at birth. | 16 | 35 | 15 |

II. Write notes on:

- | | | | |
|--|---|----|---|
| 1. Mechanism of placental transport. | 4 | 10 | 7 |
| 2. Prenatal diagnosis. | 4 | 10 | 7 |
| 3. Enteromammary circulation. | 4 | 10 | 7 |
| 4. Fetal stem cell therapy. | 4 | 10 | 7 |
| 5. Management of antenatally diagnosed renal anomalies. | 4 | 10 | 7 |
| 6. Approach to a dying infant with suspected IEM. | 4 | 10 | 7 |
| 7. Fetal fibronectin. | 4 | 10 | 7 |
| 8. Recent guidelines on the use of supplemental oxygen during resuscitation. | 4 | 10 | 7 |
| 9. Management of congenital varicella. | 4 | 10 | 7 |
| 10. Stabilisation and transport of a neonate with congenital heart disease. | 4 | 10 | 7 |

(LD 082)

AUGUST 2013

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D.M. – NEONATOLOGY
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Q.P.Code: 161452

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. The goals of developmentally supportive care and how will you implement it in neonatal intensive care.
2. The risk factors for the development of respiratory distress syndrome in a neonate. Discuss the Ventilatory management and surfactant therapy.

II. Write notes on:

(10X7=70)

1. The mechanisms of heat gain in a neonate. Discuss the advantages and disadvantages of each of them.
2. Vitamin requirements for a very low birth weight infant.
3. Crigler Najjar syndrome.
4. Surgical management of necrotizing enterocolitis.
5. Radiological studies for obstructive uropathy in a neonate.
6. Management septic shock in a neonate.
7. Drugs used for the medical closure of patent ductus arteriosus.
8. The diagnostic workup of a bleeding neonate.
9. Risk factors and management of developmental dysplasia of hip.
10. Pathogenesis and management of post haemorrhagic ventricular dilatation.

[LF 082]

AUGUST 2014

Sub. Code: 1452

D.M. – NEONATOLOGY

Paper II – CLINICAL NEONATOLOGY

Q. P. Code: 161452

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Enumerate the morbidity risks in a late preterm neonate and discuss their management.
2. Pathogenesis, diagnosis and treatment of neonatal shock.

II. Write notes on:

(10 x 7 = 70)

1. Cystic hygroma.
2. Therapeutic approach for management of apnoea of prematurity.
3. Pierre Robin sequence.
4. Approach to a baby with antenatally detected hydronephrosis.
5. Evaluation and management of neonatal fever.
6. Management of Perinatal Varicella –Zoster infection.
7. Evaluation and treatment of HIV exposed young infant.
8. Evaluation and management of a neonate with suspected meningitis.
9. Short Bowel syndrome
10. Approach to a baby with hyperinsulinemic hypoglycaemia.
