

National Board of Examinations

Question Paper Name : DrNB Neonatology Paper1
Subject Name : DrNB Neonatology Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740824 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Sketch the biochemical pathway of steroids/androgens synthesis. [5]
b) Describe in brief the diagnostic approach to a baby with DSD XX. [5]

Question Number : 2 Question Id : 32718740825 Consider As Subjective : Yes

- a) Enumerate the various acid-base disorders which can affect the newborn. [5]
b) Discuss the conditions associated with them. [5]

Question Number : 3 Question Id : 32718740826 Consider As Subjective : Yes

- a) Describe the various levels of NICU. [2]
- b) Discuss the respective infrastructure & staff requirements. [4+4]

Question Number : 4 Question Id : 32718740827 Consider As Subjective : Yes

- a) Enlist the various house keeping routines for a level II/II NICU. [5]
- b) Discuss the role of microbiological surveillance. [5]

Question Number : 5 Question Id : 32718740828 Consider As Subjective : Yes

- a) Enumerate various fetal conditions that can be treated antenatally. [5]
- b) Briefly describe the fetal surgical interventions. [5]

Question Number : 6 Question Id : 32718740829 Consider As Subjective : Yes

- a) What are the causes of neonatal encephalopathy? [5]
- b) Describe in brief the management. [5]

Question Number : 7 Question Id : 32718740830 Consider As Subjective : Yes

- a) Describe the pre & post operative care of a baby with Congenital Diaphragmatic Hernia (CDH). [5]
- b) Enlist the types of CDH. [2]
- c) What are the determinants of poor prognosis in CDH? [3]

Question Number : 8 Question Id : 32718740831 Consider As Subjective : Yes

Describe the steps of resuscitation:

- a) Baby born through meconium stained liquor. [5]
- b) Hydropic baby. [5]

Question Number : 9 Question Id : 32718740832 Consider As Subjective : Yes

- a) Describe the various tests which can be used for statistical analysis. [5]
- b) Write in brief about forest plot, its uses and significance. [5]

Question Number : 10 Question Id : 32718740833 Consider As Subjective : Yes

- a) Enlist the GOI initiatives for quality care in labor room and NICU. [2]
- b) Describe in brief each program. [8]