

National Board of Examinations

Question Paper Name : DNB Paediatrics Paper4
Subject Name : DNB Paediatrics Paper4
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718733164 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) Discuss mechanism of tubular reabsorption in kidneys with the help of a diagram. [5]
b) Referral criteria for growth-related problems in children. [5]

Question Number : 2 Question Id : 32718733165 Consider As Subjective : Yes

- a) Changes in respiratory mechanics in a newborn after birth. [5]
b) Clinical approach to microcytic anemia in a child. [5]

Question Number : 3 Question Id : 32718733166 Consider As Subjective : Yes

- a) Drugs used in pulmonary hypertension. [5]
b) Nadas criteria for the diagnosis of congenital heart disease. [5]

Question Number : 4 Question Id : 32718733167 Consider As Subjective : Yes

- a) Discuss human leucocyte antigen (HLA) and its role in transplantation. [5]
b) Hematopoietic stem cell transplantation in a child. [5]

Question Number : 5 Question Id : 32718733168 Consider As Subjective : Yes

- a) Brighton diagnostic criteria for Guillain-Barre syndrome. [5]
- b) Inhalation devices used in the management of chronic childhood asthma. [5]

Question Number : 6 Question Id : 32718733169 Consider As Subjective : Yes

- a) Prevention of medication errors in NICU. [5]
- b) Enumerate the changes in neonatal resuscitation program (NRP) India 2024 over NRP AHA 2020, and their implications. [5]

Question Number : 7 Question Id : 32718733170 Consider As Subjective : Yes

- a) Initial management of the septic shock in resource-poor countries as per recent surviving sepsis guidelines. [5]
- b) Rapid malaria antigen test. [5]

Question Number : 8 Question Id : 32718733171 Consider As Subjective : Yes

- a) Yellow fever vaccine in children. [5]
- b) Cardiac action potential in various part of heart. [5]

Question Number : 9 Question Id : 32718733172 Consider As Subjective : Yes

- a) Vaughan William classification for antiarrhythmic medications. [5]
- b) Pulmonary function tests. [5]

Question Number : 10 Question Id : 32718733173 Consider As Subjective : Yes

- a) Embryonic development of diaphragm & its abnormalities leading to congenital diaphragmatic hernia (CDH). [5]
- b) Pathophysiology of acute rheumatic fever. [5]