

The West Bengal University of Health Sciences
M.Ch. (Paediatric Surgery) Examination, August-September 2021

Full Marks : 100
Time : 3 hours

Paper : I

Attempt all questions. All Questions carry 10marks each.

- 1) Temperature regulation of a newborn. What is malignant hyperthermia ? 10
- 2) Describe the development of thyroglossal cyst. Write down the steps of operation and how to prevent complications. 10
- 3) Discuss stages of development of lungs with time period. Enumerate different cystic lung diseases with their evolutionary time frame and relation to development of lung. 5+5
- 4) Write short note on sphincter muscle complex. 10
- 5) Describe bilirubin metabolism. Enumerate the causes of neonatal hyperbilirubinemia. 5+5
- 6) Describe the embryology, clinical features, diagnosis and management of foregut duplication cyst. 2+2+3+3
- 7) Write short notes on: 5+5
 - a) Apert syndrome
 - b) Treacher Collins syndrome
- 8) High frequency oscillatory ventilation in CDH. 10
- 9) What is the principle behind 'pulse oximetry'? Enumerate the advantages and disadvantages of various gadgets used in a surgical NICU. 2+8
- 10) Name the isotopes used commonly during renal scintigraphy & its importance in paediatric surgical practice. 10