

091/22

**The West Bengal University of Health Sciences  
M.D. (Paediatrics) May - June, 2022 Examination**

**Paper: II**

**Full Marks: 100  
Time: 3 Hours**

*Attempt all questions*

1. Approach to a bleeding neonate. 10
2. Management of a new born with antenatal renal pelvis dilatation. 10
3. Discuss Neuro-developmental Follow up in a high risk Neonatal clinic for early detection of Cerebral Palsy (CP) & Mention the components of nurturing care of early childhood development. 5+5
4. Write in brief about the psychosocial effect of COVID 19 in children. 10
5. Name the complications of a baby born of a Diabetic mother. Explain the pathogenesis of these complications. 4+6
6. Pathophysiology of retinopathy of prematurity. State the current screening and treatment of ROP. 4+6
7. What is the importance of the first golden hour after birth ? Write the recent NRP guidelines. 3+7
8. Development of Diaphragm. Pathophysiology and management of Congenital Diaphragmatic hernia . 5+5
9. Define Kernicterus. Discuss preventive strategies and management of Un-conjugated Hyperbilirubinemia. 2+3+5
10. Write short notes on : 5+5
  - a) Forest plot
  - b) Calculation of sample size in Medical research.