

2019 Scheme

Q.P. Code: 320001

Reg. No.:

Third Professional MBBS (Part II) Degree Supplementary (SAY) Examinations July 2024 Pediatrics and Neonatology

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Long Essays:

(2x15=30)

1. A 2-year-old male is brought to the Emergency room (ER) with history of fever and cough for 3 days followed by puffiness of face, more in the morning hours as soon as getting up from sleep, abdominal distension and reduced urine output. No past history of similar illness
 - a) What is the probable diagnosis
 - b) Mention the criteria to diagnose the above clinical condition
 - c) Enumerate the investigations with expected findings
 - d) Describe the management of the child
 - e) List four complication of the condition
 - f) Enumerate the advices you will give at discharge(1+3+3+4+2+2)
2. A 12-year-old boy is brought to casualty with history of cough, breathing difficulty and difficulty in speaking –one day. On examination he has respiratory rate of 42/mt and SPO₂ is 88% and bilateral rhonchi present. He gives history of recurrent episodes of cough and breathlessness and has been advised regular treatment to which he is not compliant
 - a) What is the probable diagnosis
 - b) Enumerate the points from history and examination to substantiate the diagnosis
 - c) Describe the steps in the management of this child in casualty
 - d) Enumerate the long term drug management plan for this child
 - e) List the advices you will give regarding home care to prevent further episodes(1+3+4+3+4)

Short essays

(5x8=40)

3. Describe the hemodynamic, clinical features and complications of Ventricular Septal Defect
4. Define Cerebral palsy. Classify cerebral palsy based on topography and etiology. List four complications of a child with cerebral palsy
5. Define Short Stature. List the causes of short stature. Describe the clues to etiology from history and examination and investigations in a child with short stature
6. A 3-day old term baby is brought with jaundice up to soles, abnormal cry and poor feeding. Baby is A+ and mother is O+. Name the complications the child has developed and describe the management strategies. Enumerate the differences between physiological jaundice and pathological jaundice.
7. Enumerate the facial features, genetic basis and system wise complications in a child with Down syndrome

(PTO)

Short answers

(5x4=20)

8. Elaborate with diagram the maternal and neonatal reflexes that help in breast feeding.
9. Define autonomy in medical practice. How do you counsel parents of a one-year-old unimmunized child regarding the need for vaccination
10. Enumerate the clinical features of Congenital Hypothyroidism in a neonate
11. Enumerate the clinical features and investigations in a child with acute torsion testis
12. Enumerate the WHO classification for a xerophthalmia

Precise answers

(10x1=10)

13. List four glomerular causes of Hematuria
14. List two common Rheumatological diseases in children
15. List two surgical causes for delayed passage of meconium
16. Name two drugs used in the treatment of Acute lymphoblastic leukemia in children
17. List two drugs used in Organophosphorus Poisoning
18. Define Perinatal Mortality Rate (PMR)
19. List two Iron Chelators used in children with Thalassemia who are on regular Packed Red Blood Cells transfusion
20. List two metabolic causes of chronic liver disease in children.
21. Define Microcephaly
22. List four causes of Acute Flaccid Paralysis in children.
