

2019 Scheme

Q.P. Code: 320001

Reg. No.:

Third Professional MBBS (Part II) Degree Regular Examinations March 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. An 18-month old baby is brought to casualty with history of cough, breathing difficulty and poor feeding of three days duration. His weight is 6.5 kg, mid-upper arm circumference 9 cm and has bilateral pedal edema. His respiratory rate is 62/mt and has lower chest in drawing
 - a) Give the probable diagnosis
 - b) Enumerate the points from history and examination to substantiate this diagnosis
 - c) List six complications of this condition
 - d) Describe the step wise management with an illustration of time frame
 - e) Describe the importance of mid-upper arm circumference (2+3+3+5+2)
2. A 4-year-old unimmunized boy is brought with history of fever, sore throat and drooling of saliva for past 5 days. On examination he is sick looking, has dirty white patches over both tonsils extending to uvula and bilaterally enlarged upper cervical nodes
 - a) What is the most probable diagnosis
 - b) Enumerate four points to substantiate your diagnosis
 - c) List four causes of patch in the throat
 - d) Enumerate six complications of this condition
 - e) Describe the management of this child
 - f) Enumerate the steps taken to prevent this disease in other children at home (1+2+2+3+4+3)

Short essays

(5x8=40)

3. Describe the hemodynamics, clinical features and complications of Tetralogy of Fallot
4. Define obesity. Describe common etiologies and complications of obesity. List four preventive strategies for obesity
5. Describe the clinical features, complications and management of Henoch Schonlein purpura
6. Enumerate the investigations and management of a two-year-old child with fever and cough for the past 3 weeks having a known contact with an open case of tuberculosis
7. Describe the etiology, clinical features, complications and management of acute glomerulonephritis in a seven-year-old child

(PTO)

Short answers**(5x4=20)**

8. Enumerate four obligatory developmental milestones in all domains in a two-year-old child. Name two developmental screening tools
9. Enumerate the catchup vaccination schedule in a two-year-old unimmunised child
10. Draw and label a flow chart depicting the approach to the diagnosis of a child with microcytic anemia
11. Enumerate the components of newborn screening program in Kerala.
12. Describe the four pillars of medical ethics

Precise answers**(10x1=10)**

13. Name the drug of choice and one common complications of the drug in a child with acute seizures.
14. What is the therapeutic dose of iron and duration of treatment in iron deficiency anemia.
15. List FOUR clinical features of a child with acute diarrheal disease with severe dehydration
16. Enumerate the CSF findings in a child with pyogenic meningitis in term of cells, protein and sugar
17. List FOUR causes of respiratory distress in a preterm baby
18. List FOUR clinical signs in a child with hepatic failure
19. List TWO indications for the use of zinc in children
20. Expand AEFI
21. List the radiological features of duodenal atresia
22. Name the drug of choice in a 10-year-old child with scrub typhus
