

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part II) Degree Examination JULY 2019

Time:3 hours

Max Marks:100

PEDIATRICS

Your answer should be specific to the question asked. Draw neat and labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define acute watery diarrhea in children. Describe the etio-pathogenesis of diarrhea in children. Write the management of a 12-kg baby with severe dehydration. (2+3+5)
2. What is scurvy? Describe clinical features , radiological features and management of scurvy in children. (1+3+3+3)

SHORT ESSAY

10 X 5 = 50 Marks

3. Define preterm baby and describe the complications of prematurity (1+4)
4. Define hypertension in children and Describe its etiopathogenesis. (1+4)
5. List 4 causes of upper gastrointestinal bleeding in children and describe investigations and management of any ONE condition. (2+3)
6. Define Respiratory alkalosis. Describe the clinical features and treatment of respiratory alkalosis. (1+2+2)
7. Describe the types of tracheo oesophageal fistula with illustration.
8. Describe normal pattern of teeth eruption upto 3 years.
9. Describe the investigations and management of beta thalassemia major. (2+3)
10. Describe the hemodynamics and clinical features of patent ductus arteriosus.
11. Describe the clinical features and management of hydrocephalus. (2+3)
12. Enumerate causes of cardiogenic shock in children and Describe its management (2+3)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention 6 drugs used in childhood epilepsy along with dosage.
14. Mention any 6 differences between rheumatic and rheumatoid arthritis.
15. List the 6 differences between functional constipation and Hirschsprung disease.
16. Mention 3 autosomal dominant disorders.
17. List 6 complications of snake bite.
18. Name 3 developmental screening tests in children.
19. Define Neonatal Mortality Rate(NMR) and list 4 causes. (1+2)
20. List 3 indications for dialysis in acute kidney injury.
21. Mention 3 complications of teenage pregnancy.
22. Mention 6 benign neonatal skin condition.

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Define Acute kidney injury(AKI). Describe the etiological classification, clinical features and management of AKI. (1+3+2+4)
2. Define overweight and obesity. What are the causes of obesity in children? Describe the management of childhood obesity. (2+4+4)
3. Describe cerebrospinal fluid (CSF) circulation. What are the common causes of Hydrocephalus? Describe the diagnosis and treatment of Hydrocephalus. (2+2+3+3)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Describe Modified Jones Criteria and its usefulness.
5. Describe the etiology and clinical features of pleural effusion. (2+3)
6. How do you elicit the history and evaluate the physical signs in a child with coma?
7. Describe the types of tracheo oesophageal fistula with illustration.
8. Describe causes and management of lactation failure. (3+2)
9. Describe Acute Respiratory Tract Infection(ARTI) Control Program.
10. Describe clinical features and diagnosis of Acute Lymphoblastic Leukemia (ALL).
11. Describe the treatment of Hyperkalemia based on serum Potassium levels.
12. Differentiate between caput succedaneum and cephalhematoma (5)
13. Define hypertension in children and Describe its etiopathogenesis. (1+4)
14. Describe the clinical features and management of acute poststreptococcal glomerulonephritis. (2.5+2.5)
15. Describe differential diagnosis of fever with rash in a 2 year old child.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Mention laboratory findings in iron deficiency anemia.
17. What are the indications of antibiotics in diarrhoea?
18. List the 3 indications for IV Sodium Bicarbonate in children.
19. Mention the chromosomal abnormalities and clinical features in Patau's syndrome. (1+2)
20. Mention the methods of transmission of HIV.
21. Define Neonatal Mortality Rate(NMR) and list 4 causes. (1+2)
22. Classify newborn infants according to weight and gestation (1.5+1.5)
23. Enumerate 3 causes of obstructive uropathy in children.
24. Define atopy and mention three clinical features of atopy. (1+2)
25. List 6 causes of acute abdominal pain in children.