

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part II) Degree examination June 2024

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. Describe the hemodynamics, clinical features , complications and treatment of ventricular septal defect. (3+2+2+3)
2. Describe bilirubin metabolism. Describe causes and mangement of physiological jaundice of newborn (3+2+5)

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the etiopathogenesis of sickle cell disease.
4. Describe clinical features and laboratory diagnosis of congenital hypothyroidism (2+3)
5. Describe Sexual Maturity Rating staging in girls.
6. Describe the route of administration, dose, site and complications of BCG vaccine.(1+1+1+2)
7. Describe management of nocturnal enuresis in 8 year old child.
8. Define birth asphyxia. Describe etiology and clinical features of birth asphyxia. (1+2+2)
9. Describe diagnosis of dengue viral infection with management of dengue shock. (2+3)
10. Describe the investigations and treatment of tubercular meningitis. (2.5+2.5)
11. Describe the urinary findings in acute glomerular nephritis and nephrotic syndrome. (2.5+2.5)
12. Define neonatal mortality rate and mention the causes of neonatal mortality? (2+3)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention 3 drugs used in the treatment of patent ductus arteriosus in neonates(PDA).
14. Describe the causes and management of retracted nipple in a lactating mother.
15. Describe the septic screening parameters in neonates.
16. Mention 3 disorders associated with mitochondrial inheritance.
17. What is Anion Gap? List 3 causes of HIGH anion gap metabolic acidosis.(1+2)
18. Mention the biochemical derangements in acute kidney injury.
19. Describe clinical features of rickettsial fever.
20. Mention 6 complications of steroids.
21. Name any 3 congenital syndromes associated with bone marrow failure in children.
22. Describe causes of delayed dentition.

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Describe factors affecting post-natal growth in children and adolescents. Write about methods of growth monitoring in under five clinics in India. (4+6)
2. Describe the etiopathogenesis, clinical features, complications and management of diphtheria.(3+2+2+3)
3. Describe bilirubin metabolism. Describe causes and mangement of physiological jaundice of newborn (3+2+5)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Enumerate the drugs used in status epilepticus and describe the dose and side effects of any 4 (four) commonly used drugs. (2+1+2)
5. Describe clinical features and prevention of congenital rubella syndrome (3+2)
6. Mention 4 signs of severe dehydration. What is the management of severe dehydration of an infant weighing 10 kg. (2+3)
7. Describe the clinical features and complications of measles.(2+3)
8. Describe the steps of prevention of Sexually transmitted infections during Adolescent period.
9. A 1 year old boy is brought to you with complaints of not attaining head control and social smile. Plan how will you investigate this child. (2+3)
10. Describe NADAs' criteria and its utility.
11. Describe the clinical features and diagnosis of Fanconi's anemia.
12. Describe clinical features and management of septic shock in children (2+3)
13. Describe home Asthma management plan of child with GINA class 3 asthma.
14. Define exclusive breast feeding? Write the differences between cow's milk and human breast milk. (1+4)
15. Describe diagnosis, treatment and follow up of congenital hypothyroidism (2+2+1)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Describe essential features of Kwashiorkor.
17. Describe the complications of nephrotic syndrome.
18. Mention 3 causes of convulsions in a child with diarrhoea.
19. Describe causes of iron deficiency anemia in children.
20. List major neurocutaneous syndromes.
21. Describe 6 factors affecting Infant Mortality in India.
22. Describe physiological skin lesions in a newborn infant.
23. Define hypocalcemia. Describe six causes of hypocalcemia. (1+2)
24. Enumerate 6 indications of blood tranfusion in children.
25. Mention the types of hypospadiasis.