

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III Part II Examination February 2023

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 etiopathogenesis , clinical features and management of Acute Rheumatic fever. (3+3+4)
2. Describe the etiopathogenesis, clinical features and management of right upper lobe pneumonia. (3+3+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the pathophysiology and differential diagnosis of bronchial asthma. (2.5+2.5)
4. Describe 3 neural tube defects. Describe the prevention of neural tube defects. (3+2)
5. Describe clinical manifestations and management of snake envenomation (2+3)
6. Describe the etiopathogenesis and clinical features of infective endocarditis (2.5+2.5)
7. Describe the treatment of diabetic ketoacidosis (5)
8. Describe the etiology and clinical features of congenital hypothyroidism (2+3)
9. Explain the pathophysiology and complications of nephrotic syndrome. (2+3)
10. Describe the WHO classification of eye changes in vitamin A deficiency.
11. Describe the stages of tuberculous meningitis (TBM). What are the investigations ordered to diagnose TBM? (2+3)
12. Describe the types and clinical features of trachea-esophageal fistula. (3+2)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Describe the causes and management of sore nipple in a lactating mother.
14. Mention 3 causes of convulsions in a child with diarrhoea.
15. What is the age of intervention for-
 - a) cleft lip
 - b) cleft palate
 - c) umbilical hernia.
16. Mention SIX causes of congestive cardiac failure in children
17. Differentiate between cephalhematoma and caput succedaneum.
18. Mention the beneficiaries and services rendered under well baby clinic.
19. Describe general measures to eliminate poisons from the body.
20. Mention 6 indications of stem cell transplantation.
21. Describe eating disorders in adolescent period.
22. Define hypocalcemia. Describe six causes of hypocalcemia. (1+2)

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Describe etiology, clinical features, management and prevention of neonatal sepsis. (2+3+4+1)
2. Describe the etiopathogenesis, clinical features and management of hereditary spherocytosis. (3+3+4)
3. Enumerate fat soluble vitamins. Describe the clinical manifestations and management of ANY ONE fat soluble vitamin deficiency. (2+4+4)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Enumerate the screening methods of developmental delay in under five clinics and describe any ONE method. (2+3)
5. Describe the indications of hemopoetic stem cell transfusion.
6. What is Hemolytic uremic syndrome(HUS)? Describe the clinical and laboratory features of HUS. (1+2+2)
7. Define birth asphyxia. Describe etiology and clinical features of birth asphyxia. (1+2+2)
8. Describe pharmacotherapy in bronchial asthma.
9. Mention any 4 drugs used in management of congestive cardiac failure, along with mechanism of action and dosage. (1+2+2)
10. Explain the advice given to the mother regarding complementary feeds for 6-12 months infant. (5)
11. Describe etiopathogenesis and management of hyperthyroidism in children (2+3)
12. List any 4 causes of pediatric coma and describe the management of a child with coma. (2+3)
13. Describe Immunization schedule in the first year as per Indian Academy of Pediatrics (IAP) recommendation.
14. Describe the clinical features and management of portal hypertension. (2+3)
15. Describe etiological classification of shock. Describe treatment of hypovolemic shock in children. (2+3)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Write IAP classification of protein energy malnutrition(PEM).
17. List 3 indications and side effects of furosemide in children. (1.5+1.5)
18. Enumerate 6 common intrauterine infections.
19. Describe the drugs with dosage used in the treatment of Raised Intracranial Pressure.
20. Define hypocalcemia. Describe six causes of hypocalcemia. (1+2)
21. List three causes of obstructive sleep apnea.
22. Mention 6 exanthematous illnesses.
23. Enumerate language milestones upto one year of age.
24. Describe general measures to eliminate poisons from the body.
25. Describe 3 strategies to reduce child abuse and neglect in India.