

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III Part II Degree Examination JANUARY 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 (Answer any 2)

2 X 10 = 20 Marks

1. Define acute watery diarrhea in children. Discuss the etio-pathogenesis of diarrhea in children. Write the treatment of a 12-kg baby with severe dehydration. (2+3+5)
2. Discuss the factors that govern the growth and development. Illustrate growth curves of nervous, lymphoid, somatic and gonadal tissues and organs. (3+3+4)
3. Discuss etiology, classification and management of neonatal seizures. (3+2+5)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Describe the pathophysiology of congestive cardiac failure in children.
5. Define acute severe asthma and discuss its management (1+4)
6. Describe the Genetic basis of Down's syndrome.
7. Describe the types of tracheo oesophageal fistula with illustration.
8. Discuss diagnostic criteria of Autism.
9. Define Infant Mortality Rate(IMR). What is the present IMR in India? Discuss two important measures to be taken to reduce IMR. (1+1+3)
10. Outline coagulation cascade. Discuss the various tests used to identify the coagulation defects.
11. Discuss clinical features and treatment of breath holding spell. (2.5+2.5)
12. Describe the preventable causes of mental retardation in children
13. Discuss the utility of reticulocyte count in the evaluation of anemia.
14. Discuss Acute Respiratory Tract Infection(ARTI) Control Program.
15. Discuss complementary feeding.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Mention the laboratory features of intravascular hemolysis.
17. Name 6 exanthematous illnesses.
18. What is the chromosomal abnormality in Turner's syndrome? Mention the salient clinical features. (1+2)
19. Mention 3 causes of tall stature.
20. Mention grading of marasmus.
21. Enumerate 3 National programmes targeting Newborn and Child Health.
22. Mention different feeding methods based on gestational age in preterm baby.
23. Mention 6 signs of respiratory distress.
24. Enumerate 3 complications of Diabetic Ketoacidosis.
25. Enumerate 3 causes of constipation in children.

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LONG ESSAY

2 X 10 = 20 Marks

1. Define bronchial asthma. Discuss etiopathogenesis, clinical features and treatment of acute exacerbation of asthma. (1+3+2+4)
2. Discuss clinical features, diagnosis and management of cerebral malaria. (3+3+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss clinical features and diagnosis of Acute Lymphoblastic Leukemia (ALL).
4. Discuss about genetic counselling in a child with alpha thalassemia.
5. Discuss clinical criteria and approach to a child with ambiguous genitalia (disorders of sexual development). (2+3)
6. Discuss the etiopathogenesis, clinical features, diagnosis and treatment of Hirschsprung disease. (2+1+2)
7. Describe the pathophysiology and diagnosis of disseminated intravascular coagulation.
8. List 6 causes of lower gastrointestinal bleeding in children and discuss clinical features and management of any ONE condition. (2+3)
9. Describe essential newborn care. (5)
10. Discuss management of nocturnal enuresis in 8 year old child.
11. Describe the clinical manifestations and laboratory investigations of congenital hypertrophic pyloric stenosis. (3+2)
12. Describe the hemodynamics and clinical features of atrial septal defect (ASD).

SHORT ANSWERS

10 X 3 = 30 Marks

13. List 6 causes of refractory iron deficiency anemia.
14. Enumerate 3 drugs excreted in breast milk.
15. Mention 3 causes of tall stature.
16. Plan the immunisation schedule for a 5 year old unimmunised child who visits PHC for first time.
17. Enumerate treatment options in a 6 day old neonate diagnosed with unconjugated hyperbilirubinemia.
18. Enumerate 3 complications of Diabetic Ketoacidosis.
19. List three criteria of autism spectrum disorders.
20. Enumerate 3 drugs used in the treatment of spasticity in Cerebral Palsy.
21. List the endocrine complications of thalassemia.
22. Classify epilepsy in children according to International league against epilepsy (ILAE).