



**MBBS FINAL PROFESSIONAL**  
**MODEL PAPER FOR ANNUAL 2009**  
***Paediatrics***  
***(Short Essay Questions)***

Max. Marks 50

Time Allowed 2 hours and 15 minutes

1. A 10-years old boy presents with bilateral painless neck swelling for last 3 months. On examination there is bilateral cervical and axillary lymph node enlargement. These lymph nodes are 2-3 cm in size, discrete, non- tender and rubbery. Chest X-ray shows mediastinal mass.

a) What is the most likely diagnosis? 2

b) How will you investigate? 3
2. A 4 month old boy is brought to OPD for not gaining weight. He is exclusively breast fed and mother tells that he sweats profusely while taking feed. He was treated for bronchopneumonia at 2 months of age. On examination his weight is 4 Kg, pale looking irritable child with a respiratory rate of 45/min and heart rate 140/min. There is a Grade III pan-systolic murmur at the left lower sternal border with loud 2<sup>nd</sup> heart sound at pulmonary area.

a) What is the diagnosis? 2

b) How will you investigate? 1.5

c) Enlist THREE complications of this condition. 1.5
3. A two year old child is brought to ER with Cyanosis and dyspnoea of one hour duration. He had recurrent such episodes for the last six months. On examination he is deeply cyanosed, extremely irritable and tachypnoeic with finger-clubbing. There is an ejection systolic murmur at the pulmonary area.

a) What is the most likely diagnosis? 1

b) Give emergency management. 2

c) Give steps of long term management. 2
4. A six months old child presents to emergency room with fever, cough and dyspnoea of 3 days duration. On examination he is febrile, pulse is 110/min and respiratory rate 60/min with no chest indrawings.

a) How will you classify his disease according to (WHO) ARI classification? 1

b) Give steps of management. 4
5. A 2-years old girl is brought to you with complaints of diarrhea and failing to thrive since 8 months of age. She was weaned from breast feeding and started on solid at 7<sup>th</sup> month of life. She passes 8 –10 stools daily which are bulky, offensive and sticky. On examination weight is 8 kg (<3<sup>rd</sup> centile). She is pale and irritable with abdominal distension and wasting of buttocks.

a) What is the diagnosis? 1

b) How will you confirm the diagnosis? 2

c) How will you manage her? 2

6. An 8-years old child presents with pain abdomen, vomiting and deteriorating conscious level of one day duration. He has been drinking excessive water for the last one week. On examination he is dehydrated with respiratory rate of 40/min and Glasgow coma scale 10.
- a) What is the most likely diagnosis? 1
  - b) How will you investigate? 1.5
  - c) How will you manage? 1.5
7. An 8-years old girl is brought to ER with continuous generalized tonic clonic seizure for last one hour. On examination she is afebrile, convulsing with frothing from mouth and had also passed urine. Mother told that she had similar three episodes during last 6 months.
- a) What is the diagnosis? 1
  - b) Give emergency and long term management. 2,2
8. A 3 years old, unvaccinated boy presents with low grade fever and lethargy for last 15 days. Last night he had an episode of tonic clonic seizure followed by right sided weakness. His grandfather is suffering from chronic cough for last 2 years. On examination he is having upper motor neuron paralysis on right side of the body.
- a) What is the most likely diagnosis? 1
  - b) How will you investigate him? 2
  - c) Briefly outline management of this child. 2
9. A 5 years old girl presents with generalized body swelling starting first from periorbital region. On examination there is generalized edema, BP = 110/60 mm of Hg. Urine analysis reveals + 4 proteinuria.
- a) How will you further investigate her? 2
  - b) Describe steps of management. 3
10. a) Write down EPI schedule of immunization 3.5
- b) Enlist THREE live vaccines included in EPI schedule. 1.5