

**PAEDIATRICS**

**PAPER – III**

PED/APRIL/16/31/III

Time : 3 hours

Max. Marks : 100

**Important instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Pathophysiology and management of:  
a) Organophosphorus poisoning. 5+5  
b) Scorpion bite.
2. What are the biochemical criteria for the diagnosis of Diabetic Ketacidosis (DKA)? What are the goals of therapy? How will you manage a 7 year child with DKA? 3+3+4
3. Etiology, pathogenesis, clinical features and management of cardigenic shock? 2+3+2+3
4. Describe the symbols used in pedigree chart. Draw pedigree charts over four generation depicting:  
a) X-linked dominant disease. 4+(3+3)  
b) X-linked recessive disease.
5. Define severe dengue. Describe the WHO guidelines for its management. Enumerate the complications of severe dengue. 2+4+4
6. a) Bioterrorism 3+3+4  
b) Radiation sickness  
c) Congenital cataract
7. a) Modified Glasgow Coma Scale for children and infants. 5+2+3  
b) Its advantages and disadvantages.  
c) What is AVPU Pediatric Response Scale?
8. Define fulminant hepatic failure. Write stages of hepatic encephalopathy. Outline steps of its management. 2+3+5
9. a) Autistic spectrum disorders. 3+3+4  
b) Wiskott-Aldrich syndrome.  
c) Graft versus host disease.
10. a) Hypernatremia. 3+3+4  
b) Hyperkalemia.  
c) Non-pharmacologic strategies for pain management.

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