

Examination for Master in: Forensic Medicine and  
Clinical Toxicology (1<sup>st</sup> part)  
Course Title: Clinical Toxicology in Children  
Date: August 17, 2019  
Time allowed: 3 Hours  
Total Assessment Marks: 45



Tanta University  
Faculty of Medicine  
Department of Pediatrics

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**All questions should be tried:**  
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**9 X 5 marks**  
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- Q 1) Mention types and causes of shock. Mention the inotropic drugs used in treatment (with doses).
- Q 2) Discuss briefly types, ECG diagnosis, and treatment of atrioventricular block.
- Q 3) Discuss types, etiology, and diagnosis of respiratory failure in children.
- Q 4) Give a short account on causes, clinical manifestations, and treatment of hyperkalemia and hyponatremia.
- Q 5) Give brief account on gastrointestinal decontamination, and elimination enhancement of poisons.
- Q 6) Give brief account on clinical manifestations of heart failure in children, and digoxin treatment (with dose schedule).
- Q 7) Discuss in brief the clinical assessment, and diagnostic approach of coma in children.
- Q 8) Discuss briefly causes, manifestations, and treatment of respiratory acidosis in children.
- Q 9) Give brief account on advanced life support, and drugs used in cardiopulmonary resuscitation (with doses).

=====**Good Luck**=====