



Examination for MD in: Pediatrics (1st part)
Course Title: Applied Pathology
Date: August 15, 2017
Time allowed: 3 Hours
Total Assessment Marks: 90

Tanta University
Faculty of Medicine
Department of Pediatrics

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All questions should be tried:
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6 X 15
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- Q 1) Mention definition, causes and types of inflammation. Discuss briefly types of non-suppurative inflammation.**
- Q 2) Mention definition and types of embryonic tumors. Discuss one embryonic tumor in children.**
- Q 3) Discuss pathological lesions and clinical manifestations of rheumatic carditis in children.**
- Q 4) Discuss definition, etiology, pathology and clinical course of neonatal hyaline membrane disease.**
- Q 5) Give an account on pathological features, clinical manifestations and complications of intestinal amebiasis.**
- Q 6) Discuss briefly definition, pathological features, types and clinical manifestations of liver cirrhosis in children.**

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Good Luck
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**General surgery department
Faculty of medicine
Tanta University
MD pediatric surgery exam
Date 15 August 2017**

**Time allowed 3 hours
Total marks 100**

Surgical Pathology

- 1- Pathology of pediatric surgically managed lung lesions. (50 mark)**
- 2- Pathology of bile duct diseases in infants and childhood. (50 mark)**

GOOD LUCK

Examination for MD in: Pediatrics (1st part)
Course Title: Applied Physiology
Date: August 6, 2017
Time allowed: 3 Hours
Total Assessment Marks: 90



Tanta University
Faculty of Medicine
Department of Pediatrics

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All questions should be tried:
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6 X 15

- Q 1) Give short account on normal acid-base balance in children.
Mention causes and clinical manifestations of metabolic acidosis.
- Q 2) Discuss briefly the fetal-to-neonatal circulatory transition.
- Q 3) Discuss in brief the normal pubertal physiology in male and female children.
- Q 4) Discuss normal hemostasis, and classify hemostatic disorders in children.
- Q 5) Discuss briefly metabolic functions of the liver.
- Q 6) Discuss briefly functional classification and physiology of nervous system.
Differentiate between upper and lower motor neuron lesions.

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Good Luck
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**General surgery department
Faculty of medicine
Tanta university
MD pediatric surgery exam
Date 6 August 2017**

**Time allowed 3 hours
Total marks 100**

**Embryology and Anatomy
Paper IV**

- 1- Discuss embryology and surgical anatomy of the esophagus. (30 marks)
- 2- Discuss testicular embryology and descent and its surgical significance. (40 marks)
- 3- Vagus nerve anatomy and its surgical importance. (30 marks)

GOOD LUCK