

MSc pediatrics Exam.

Course Title: Clinical Pathology

Date: 24 / 8 /2021

Total Assessment Marks: 75



Tanta University
Faculty of Medicine
Department of Clinical Pathology

Give short accounts on: (ALL questions to be answered)

1. Laboratory diagnosis of a case with acute lymphoblastic leukemia. (15marks)
2. Causes and laboratory diagnosis of new borne hemolytic anemia. (15marks)
3. Clinical manifestations and laboratory diagnosis of hemophilia. (15marks)
4. Causes of acute hepatitis and the laboratory approach for diagnosis. (15marks)
5. Urinary findings in a case with acute glomerulonephritis. (7.5marks)
6. CSF findings in a case with acute bacterial meningitis. (7.5marks)

Good luck

Examination of Master Clinical Pathology

Course Title: Clinical Microbiology

Date: August 2021

Time Allowed: 3 hours

Total Assessment Marks: 90



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I- Discuss causes, lab diagnosis and prevention of the following

- a) Food poisoning. (10 marks)
- b) Actinomycosis. (10 marks)
- c) Nosocomial Infections: causes and diagnosis. (10 marks)

II- Answer the following questions:

- a) Sterilization: definition, and types. (10 marks)
- b) Smallpox: pathogenesis, diagnosis, and prophylaxis. (10 marks)
- c) Corona viruses. (10 marks)

III- Give an account on the following:

- d) Humoral immunity. (10 marks)
- e) Immunoprophylaxis. (10 marks)
- f) Pathogenesis of autoimmune diseases. (10 marks)

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- Practical examination will be held in clinical pathology department on 31 August & 1 September 2021.
 - Oral examination will be held in clinical pathology department on 1 September 2021.

Department Chairman
Prof. Amany Abo Elenien

Examiners
Prof. Amany Abo Elenien
Prof. Wesam Salah