

Biochemistry Exam. for Diploma of Tropical Medicine.
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Give an account on the following:

- 1) Sickle cell anemia.
- 2) Ammonia intoxication.
- 3) Sources, functions and deficiency of thiamine.

Good Luck

سيعد الامتحان الشفوي بمشيئة الله الأربعاء الموافق ٢٠١٧-٣-١

Tanta University
Faculty of Medicine
Time allowed three hours



Diploma of Tropical Medicine
Internal Medicine Exam
14/2/2017

All questions must be answered (3 questions)(60 marks)

1. Enumerate 4 of the followings:

- A. Clinical presentations of thyrotoxicosis
- B. Causes of Left sided Heart failure
- C. Laboratory investigations for SLE
- D. Predisposing factors of Bronchogenic carcinoma
- E. Causes of acute kidney injury

2. Describe precipitating factors and management of diabetic ketoacidosis.

3. Enumerate 4 antihypertensive groups and discuss mechanism of action and side effect of each group

امتحان الشفوي والاكاديمي في قسم الأمراض الباطنة يوم
الأربعاء الموافق ٢٠١٧/٢/٢٢ الساعة الثامنة صباحا

GOOD LUCK

Examination for Diploma Degree in: Tropical medicine
Course Title :TROP 7003
Date:12/2/2017
Term: Feb 2017
Time Allowed: ONE hour
Total Assessment Marks: 30



Tanta University
Faculty of Medicine
Department of: Pathology

Questions Number	Marks
Give an account on	
• Q1- Discuss the pathology of intestinal tuberculosis (lesion and fate of primary and secondary tubeculosis).	10
• Q2- pathology of typhoid fever (manifestations and complications)	10
• Q3 - Causes of hepatomegaly.	10

امتحان الشفوى يوم ٢٠١٧/ ٢/٢٧ الساعة الحادية عشر صباحا

Examination Committee
Prof Dr. Samir Mina
Prof Dr.Zeinab Algendy
Assist.Prof.Dr.Mona Abdelhaq
Assist.Prof.Dr.Hanan Alshenawy

Public Health Examination for diploma Degree in:
tropical medicine

Course Title: TROP7004 Public H 2017

Date: feb 2017

Term:

Time Allowed: 3 hours

Total Assessment Marks: 30

Number of questions: in two sides



Tanta University
Faculty of Medicine

Department of:
public health &
community medicine

All questions should be attempted

Question I: define (7 marks)

- a- Surveillance? (2 marks)
- b- Herd immunity? (1 marks)
- c- Sensitivity of screening test? (2 marks)
- d- Disease eradication? (2 marks)

Question II: enumerate (8 marks)

- a- Persons at risk of infection with hepatitis c. (2 marks)
- b- Types of disease carriers? (2 marks)
- c- Steps of investigation of an outbreak? (2 marks)
- d- Plasmodium species causing malaria? (2 marks)

Question III: discuss (6 marks)

- a- Preventive & control measures for leishmaniasis? (2 marks).
- b- Prevention & control measures for brucellosis? (2 marks)
- c- Chemoprophylaxis for adult contact of a case of meningococcal meningitis? (2 marks)

Question IV: (4 marks)

A male patient aged 35 years came to outpatient clinic from an area (in delta region) with predominant Culex mosquitoes complaining of swelling of one leg with painful epididymo-orchitis, hydrocele or swelling of the scrotum. He has history of recurrent attack of fever and allergic manifestations (eosinophilia is often accompanied by high levels of IgE. On examination there were nonbiting edema of his lower limb (hardening and thickening of the skin) with lymphangitis & lymphadenitis?

- a- What is your diagnosis for this case? (1 marks).
- b- Mention causative agent, the modes of disease transmission & control measures? (3 marks).

Question V- MCQs: give one best answer for the following (0.5 mark each – Total 2.5 marks) (5 questions)

- 1- **Zika virus is NOT transmitted by:**
 - a. Foodborne.
 - b. Mosquito.
 - c. Sexual.
 - d. Maternal to fetal.
- 2- **International incubation period for yellow fever is:**
 - a. 4 days.
 - b. 6 days.
 - c. 10 days.
 - d. 2 weeks.
- 3- **Mode of plague transmission by :**
 - a. Fleas.
 - b. Ticks.
 - c. Body louse.
 - d. Mosquitos.
- 4- **Mode of rift valley fever transmission by :**
 - a. Fleas.
 - b. Ticks.
 - c. Body louse.
 - d. Mosquitos.
- 5- **Natural host (reservoir) of Ebola virus is:**
 - a. Monkeys.
 - b. Chimpanzees.
 - c. Fruit bats.
 - d. Rodents.

Question VI – TRUE/FALSE: (0.5 mark each – Total 2.5 marks): (5 questions)

1. **Mode of transmission of yellow fever is by ticks.** ()
2. **Positive serologic testing for surface antigen in hepatitis B (HBsAg):** indicates immunization against the virus whether due to natural infection or immunization. ()
3. **Mode of transmission of dengue fever by sand fly mosquito.** ()
4. **Screening** refers to the application of a medical procedure or test apparently healthy people who as yet have no symptoms of a particular disease, for the purpose of determining their likelihood of having the disease. ()
5. **Modified prion protein** is the causative agent for bovine-spongiform encephalopathy. ()

Good Luck - prof abdelaziz Aldeib

Date:16/2/2017

Examination For Diploma Tropical Medicine

Term: Final

Course title: Physiology

Time Allowed: Three Hours

All questions are to be answered:

1-Discuss hemorrhage and shock and body commendatory mechanisms against it. (10marks)

2- Give short account on jaundice. (10 marks)

3-Choose the most probable answer: (10 marks)

1-The analgesia system includes:

- a-Raphe magnus nucleus.
- b-The Periaquiductal area in the midbrain.
- c- Spinal pain inhibitory complex.
- d-All of the above.

3-Stimulation of β_2 adrenergic receptors causes:

- a-Bronchodilation.
- b-Coronary vasoconstriction.
- c-Bradycardia.
- d-Vasoconstrictor of skin vessels.

5-The most important measure should be done before blood transfusion:

- a-ESR
- b-HB content
- c-RBC's count
- d-Cross matching test

7- Referred pain:

- a-Pain felt in the bones
- b-Pain felt away from its original site.
- c-Occurs always with cutaneous pain.
- d-Never occurs with visceral pain.

9-The heart rate is increased due to:

- a-Increase of the venous return
- b-Decrease arterial blood pressure
- c- O_2 lack
- d-All of the above

11-Calcium homeostasis is controlled by:

- a-Calcitonin hormone.
- b-Parathyroid hormone.
- c-Vitamin D.
- d-All of the above.

Tanta University
Faculty Of Medicine
Department Of Physiology
Course Code: TROP 7001
Total Assessment Marks: 30

2-Osteoprosis of bone occurs in:

- a-Tetany
- b-Conn's disease
- c-Cushing's syndrome
- d-Vitamin D deficiency

4-Anemia due chronic atrophic gastritis is:

- a-Aplastic
- b- Pernicious
- c- Normocytic normochromic
- d-Microcytic hypochromic

6-Tetany is:

- a-Hypoparathyroidism.
- b-Decrease of blood Ca^{+2} level blow 7mg%.
- c-There is increased neuromuscular excitability.
- d-All of the above.

8-Atropine injected preoperatively in order to:

- a-Increase gastric secretion and motility
- b-Decrease gastric secretion and motility
- c-Increase bronchial secretion and bronchoconstriction
- d-Dilatation of the pupil

10- Steroid hormones bind to:

- a-Cell membrane receptors
- b-Cytoplasmic receptors
- c-Nuclear receptors
- d-None of the above

12-Platelet plug formation is:

- a-Important for hemostasis.
- b-Needed for stoppage of bleeding.
- c-Due to release of ADP and thromboxane A_2 .
- d-All of the above.

13-Hemostasis include:

- a-Stoppage of bleeding of small blood vessel.
- b- Local vasoconstriction of blood vessel.
- c-Blood clotting.
- d-All of the above.

15-The maximum resistance in the vascular system is present in:

- a-Aorta
- b-Arteries
- c-Arterioles
- d-Capillaries

17-Cutaneous hyperalgesia is characterized by:

- a-It arises mainly from the skin.
- b-Primary hyperalgesia is local axon reflex.
- c-Secondary hyperalgesia is a convergence facilitation mechanism.
- d-All of the above.

19-Glucocorticoides decrease the number of circulating:

- a-Microphages.
- b-lymphocytes.
- c-Red blood cells.
- d-Platelets.

14-Vascular spasm is due to:

- a-Local myogenic contraction of the blood vessel.
- b-Local axon reflex.
- c-Serotonin released by platelet.
- d-All of the above.

All the following organs share in vitamin D formation Except:

- a-The lung
- b-the liver
- c-The kidney
- d-The skin

18-The following hormones elevate the arterial blood pressure Except:

- a-Vasopressin(ADH)
- b-Angiotensin II
- c-Aldosterone
- d-Histamine

20- -Hyperthyroidism produced the following effect in the skin Except:

- a- Loss of the outer third of eye brow
- b-Erythema of palm of the hand
- c-The skin is warm and flushed
- d-Increased of sweat secretion

No	A	B	C	D	No	A	B	C	D
1					11				
2					12				
3					13				
4					14				
5					15				
6					16				
7					17				
8					18				
9					19				
10					20				

Answer of MCQ at the table

ملحوظة:

26/2/2017 الامتحان الشفهي

بقسم الفسيولوجي الثامنة صباحا

اجابة الاسئلة الاختيارية بالجدول و يدبس بكتابة
الإجابة