



University of Technology  
Department of Applied Sciences  
Final Exam. 2015-2016



Subject : Parasites and insects  
Branch : Biotechnology  
Examiner : Buthaina Abdul hamza

Class : 3 year  
Time : 1.30 hours  
Date :2015-2016

ملاحظة : الاجابة عن اربعة اسئلة فقط

**Q1:- Define the following: - {6 only} (12.5 Mark)**

- 1- Myiasis. 2- Erratic parasite. 3- Class Crustacia. 4- Lice.  
5- Commensalism. 6- Leishmaniasis. 7- Medical parasitology.

**Q2:- Draw all the following :- (12.5 Mark)**

- 1- Life cycle of Schistosomiasis.  
2-Ova stage of *hookworm* & *Ascaris* & *Trichuris* & *Taenia sp.*  
3-Life cycle of *Diphylobotrium latum*.

**Q3:- Numerous of the following: - {3 only} (12.5 Mark)**

- 1-Types of specimens which can be examined for diagnosis of parasites.  
2- Different approaches in the control of vectors.  
4- Laboratory diagnosis and Prevention of African trypanosomiasis.  
5- Direct effects of arthropods on humans.

**Q4:- Compare between the following: - (12.5 Mark)**

- 1- *Taenia saginata* & *Taenia solium*.  
2- Class Insecta & Class Arachnida.

**Q5:- Give Name, Hosts & Infection stage of the following: - {6 only} (12.5 Mark)**

- 1- Milk urine. 2- Secondary infection. 3- Blood urine. 4- Anemia.  
5- Itching of anal. 6- Oriental sore. 7- Dog tape worm. 8- Eye worm.  
9- Abortion.

Good Luck



University of Technology  
Department of Applied Sciences  
Final Exam. 2015-2016



Subject : Parasites and insects  
Branch : Biotechnology  
Examiner : Buthaina Abdul hamza

Class : 3 year  
Time : 1.30 hours  
Date :2015-2016

ملاحظة : الاجابة عن اربعة اسئلة فقط

**Q1:- Define the following: - {6 only} (12.5 Mark)**

- 1- Myiasis.
- 2- Erratic parasite.
- 3- Class Crustacia.
- 4- Lice.
- 5- Commensalism.
- 6- Leishmaniasis.
- 7- Medical parasitology.

**Q2:- Draw all the following :- (12.5 Mark)**

- 1- Life cycle of Schistosomiasis.
- 2-Ova stage of *hookworm* & *Ascaris* & *Trichuris* & *Taenia sp.*
- 3-Life cycle of *Diphylobotrium latum*.

**Q3:- Numerous of the following: - {3 only} (12.5 Mark)**

- 1-Types of specimens which can be examined for diagnosis of parasites.
- 2- Different approaches in the control of vectors.
- 3- Laboratory diagnosis and Prevention of African trypanosomiasis.
- 4- Direct effects of arthropods on humans.

**Q4:- Compare between the following: - (12.5 Mark)**

- 1- *Taenia saginata* & *Taenia solium*.
- 2- Class Insecta & Class Arachnida.

**Q5:- Give Name, Hosts & Infection stage of the following: - {6 only} (12.5 Mark)**

- 1- Milk urine.
- 2- Secondary infection.
- 3- Blood urine.
- 4- Anemia.
- 5- Itching of anal.
- 6- Oriental sore.
- 7- Dog tape worm.
- 8- Eye worm.
- 9- Abortion.

Good Luck