



# جامعة الموصل- كلية الطب البيطري



## مفردات الامتحان التنافسي للتقديم الى الدراسات العليا دكتوراه طفيليات بيطرية لسنة ٢٠٢٦-٢٠٢٧

مناعة طفيليات	
1	Principle of immunity and immune response (specific, non-specific)
2	Immunoglobulin: structure, variation, function and synthesis
3	Immunology of T , B cells
4	Complement: nature, function and pathways
5	Cell-mediated immunity, antigen recognition
6	Review of basic concepts of immunity
7	Immune reaction of parasitic protozoa
8	Protozoa provoking in the lumens
	1-Entamoeba histolytica 2-the coccidia
9	Trichomonas foetus
10	protozoa prevailing in the tissue
11	Toxoplasma gondi and related organisms
-	Hammondia -Besnotia -Sarcoystis leishmansis
12	Protozoa preinvaiting in the blood
	1- the babesias or piroplasm
	2- Trypanosaoma cruzi
13	Plasmodium spp
-	Immune reactions to parasitic nematodes
-	The nematodes of the digestive tract
-	The nematodes of the tissue
-	The nematodes of the blood or filariae
14	Immune reaction to parasitic Platyhelminthes
-	The cestodes
-	The trematodes or flukes
15	The schistosomes
16	Immune reaction to arthropods



# جامعة الموصل - كلية الطب البيطري



طفيليات عام	
1	General features of parasite
2	Classification and life cycle of parasites-
3	Economic importance and effects of parasite on public health
4	Means of parasite dissemination
5	Dispersal of parasites
6	Development and survival of parasites away from the host
7	Effect of the weather
8	Host findings of parasite
9	Entrance into the next host
10	Behavior
11	Zoonosis
12	Importance of immunology to parasitism and animal production
13	Control of parasites

كيمياء حياتية وفسلجة طفيليات	
1	Feeding and nutritional physiology
2	The alimentary canal of helminthes
3	The role of the external surfaces of parasites in their nutrition
4	Morphology of the parasite surface.
5	Transtegumentary absorption of nutrients.
6	Mechanisms of solute entry.
7	Transport of molecules into parasite.
8	Inhibition of host enzymes by parasite.
-	Excretory system, nitrogen excretion, water and ionic regulations
-	Reproduction, processes of asexual and sexual reproduction in parasites.
-	Nervous system, sense organs and behavioral coordination.
9	Carbohydrate, metabolism and energy.



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مفصليات	
1	General introduction, General characters, Evolution
2	Wing venation and structure
3	Classification – Basis, Theories, Classes
4	Lice of importance
5	Siphonaptera , Hemiptera , Diptera
6	Nematocera , Brachycera , Cyclorraph
7	Archnida , Sarcoptiformes
8	Trombidiformes , Ixodoidea

علم الديدان	
1	Terms and definitions.
2	The classification of parasitic helminthes
3	Phylum: Platyhelminthes.
4	Class: Trematoda.
5	Terms and definitions.
6	Order:
1	Echinostomatida.
2	Amphistomatida
3	Opisthorchida.
4	Strigeatida.
7	Class: Cestoda
	Order:
1	Pseudophyllidea.
2	Cyclophyllidea
8	Class: Nematoda
1	Rhabditida
2	Stronglida
3	Ascaridia
4	Oxyurida
5	Spirurida
6	Enoplida
9	The use of anthelmintics



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الاولي	
1	Introduction and Classification
2	Phylum: Protozoa
3	Subphylum: Sarcomatigophora
4	Class: Sarcodina
5	Class: Mastigophora
6	Subphylum: Sporzoa
7	Class: Coccidia
8	Familay: Eimeriidea
9	Familay: Sacrocystidae Subphylum: Ciliphora
10	Subphylum: Microspora
11	Class: Piroplasmidia
12	Class: Haemosporidia
13	Order: Rikettsiales