



University of Sadat City
Faculty of Veterinary Medicine
Dept. of Poultry and Rabbits Medicine
(2014-2015)



Prevention in Poultry Field (767P)

PHD COURSE SPECIFICATION

A. BASIC INFORMATION

University:	University of Sadat City
Faculty:	Veterinary Medicine
Program on which the course is given:	PhD in Veterinary Medical Sciences (Poultry and Rabbits Diseases)
Department offering the Course:	Poultry and Rabbits Medicine
Course code:	767P
Course title:	Prevention in Poultry Field
Lecture (hr/week):	2
Practical (hr/week):	2
Course coordinator:	Dr. Alaa Gaballa

2- Professional information

1- Overall aims of course
*Upon successful completion of the course, the student will be able to know the preventive measures of viral ,bacterial Mycotic, parasitic and nutritional deficiency diseases of poultry .
2- Intended learning outcomes of course (ILOs)
<u>a-Knowledge and understanding</u>
By the end of this course the graduate should be able to: a.1. Recognize the epidemiology of poultry and rabbits diseases. a.2. State the frequency and distribution of poultry disease and factors determine of such distribution. a.3. Explain the characteristics clinicopathological lesion of poultry diseases. a.4. Recognize the different methods for the prevention of poultry diseases . a.5. List factors affecting samples taking time. a.6. Recognize the role of biosecurity and hygiene in prevention and control of poultry diseases.
<u>b-Intellectual skills</u>
By the end of this course the graduate should be able to :- b.1. Apply the proper approach for diagnosis and differential diagnosis. b.2. Design the biosecurity and vaccination programs to control the infection in the poultry and rabbits. b.3. Select the most suitable and economic way of treatment and prevention of poultry diseases .
<u>c-Professional and practical skills</u>
By the end of this course the graduate should be able to: c.1. Carry out dosing, sampling, labeling and preservation of samples. c.2. Evaluate the requirements of drug dose to control of different diseases. c.3. Collect blood for routine tests and giving instructions on specimen transport and processing. c.4. . Perform all routine serological tests.
<u>d-General and transferable skill</u>

By the end of studying the course, the student should be able to

- d.1.** Work effectively as part of a team.
- d.2.** Efficiently make use of library facilities.
- d.3.** Explore appropriate computer / keyboard skills including word
- d.4.** Processing, spreadsheets, presentation packages and graph plotting.

3- Topics and contents

Topic	No. of hours		
	Lectures	Practical	Total
The prevention of Respiratory viral diseases	8	-	8
The prevention of Immunosuppressive viral diseases	8	-	8
The prevention of Tumor viral diseases	8	-	8
The prevention of Nervous viral disease and pox virus infection	8	-	8
The prevention of Duck viral diseases	8	-	8
The prevention of bacterial diseases	8	-	8
The prevention of parasitic diseases	8	-	4
The prevention of Mycotic diseases	8	-	8
The prevention of rabbits viral diseases	4	-	4
The prevention of rabbits bacterial diseases	8	-	8
The prevention of rabbits parasitic diseases	4	-	4
The prevention of nutritional disorders diseases	8	-	8
Medication	-	20	20
Vaccination	-	12	12
Sources of infection and protective measures	-	12	12
Sanitary environment	-	12	12
Serological tests for poultry diseases	-	20	20
Hatchery management	-	12	12
Total	88	88	176

4- Teaching and learning methods

- 4.1. Lectures.
- 4.2. Practical.
- 4.3. Self-learning activities.

5-Student assessment

A. METHODS:

1- Written examination	For assessment of knowledge, back calling and Intellectual skills
2- Practical examination	For assessment of practical and professional skill.
3- Oral examination	For assessment of knowledge and Intellectual skills
4- Student activities	For assessment of knowledge and general and transferable skills

B. MATRIXALIGNMENT OF THE MEASURED ILOs/ ASSESSMENTS METHODS:

	K.U (a)	I.S (b)	P.P.S (c)	G.S (d)
Written exam	1,2,3,4,5,6	1,2,3		
Practical exam			1,2,3,4	
Oral exam	1,2,3,4,5,6	1,2,3		
Student activities				1-4

C. WEIGHT OF ASSESSMENTS:

Assessment	Allocated Mark	Evidence
Final written exam	50%	Marked and signed written paper
Practical exam	20%	Marked and signed practical exam paper
Oral exam	20%	Signed list of oral exam marks
Student assignments	10%	Representative samples of presented materials

6- List of references

1-Diseases of poultry 12th edition
 Edited by saif,Fadly and Glisson (Iowa state University press Ames, Iowa, USA) 2008

2-Avian Medicine and Surgery

Edited by Robert B.Altman (W.B.Saunders company)1997

6.2. Recommended texts

1-Principles of poultry Science

Edited by S.P.Rose (CAB International UK)2006

2-Poultry diseases sixth edition

Edited by Frank Jordan 2008

6.3. Journals , Websitesetc

1- Poultry Science Journal

2- British poultry science Journal

2- Poultry Disease Journal

Websites

#www.afowlshome.com/diseases/disease6.html

#www.indiastudychannel.com/resources/124663-Poultry-Diseases

Course coordinator:

Dr.Alaa Abdelrazik Gaballa

Head of department:

Prof. Dr. Shaaban Gadallah

Matrix alignment of course topics and ILOs

Topic	No. of hours /week		Total hours	Hours for lect.	Hours for pract.	ILOs				T&L. methods				
	Lect.	Pract.				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lect.	Pract.	Self & active leaning	Audio visual	Case study
The prevention of Respiratory viral diseases	8	-	8	8		1,2,3,4,5	1,2		1,2,3,4	+	-			
The prevention of Immunosuppressive viral diseases	8	-	8	8		2,3,4,5	1,2		1,2,3,4	+	-			
The prevention of Tumor viral diseases	8	-	8	8		2,3,5	1,3		1,2,3,4	+	-			
The prevention of Nervous viral disease and pox virus infection	8	-	8	8		1,2,4,5	1,3		1,2,3,4	+	-			
The prevention of Duck viral diseases	8	-	8	8		2,3,4,5,6	1,2		1,2,3,4	+	-			
The prevention of bacterial diseases	8	-	8	8		3,4,5,6	2,3		1,2,3,4	+	-			
The prevention of parasitic diseases	8	-	8	8		2,3,5	3		1,2,3,4	+	-			
The prevention of	8	-	8	8		1,4,5	3		1,2,3,4	+	-			

Mycotic diseases														
The prevention of rabbits viral diseases	4	-	4	4		1,4,5,6	3		1,2,3,4	+	-			
The prevention of rabbits bacterial diseases	8	-	8	8		2,4,5	2,3		1,2,3,4	+	-			
The prevention of rabbits parasitic diseases	4	-	4	4		3,4,5,6	1,3		1,2,3,4	+	-			
The prevention of nutritional disorders diseases	8	-	8	8		2,3,5	1,3		1,2,3,4	+	-			
Medication	-	20	20		20			1	1,3	-	+			
Vaccination	-	12	12		12			1	2	1,3	-	+		
Sources of infection and protective measures	-	12	12		12			1		1,3	-	+		
Sanitary environment	-	12	12		12			2	2,3	1,3	-	+		
Serological tests for poultry diseases	-	20	20		20			4	2	1,3	-	+		
Hatchery management	-	12	12		12			2,3	3,4	1,3	-	+		
Total			176	88	88									