

Animal and Poultry Behavior and Management (A)

Benha University

Faculty of Veterinary Medicine

Program on which the course is given : **Bachelor of Veterinary Medical Science.**

Department offering the course : **Animal Hygiene, Behaviour and Management.**

Academic year / level : **2nd year**

Date of specification approval: Ministerial Decree No 921, on 15/9/1987.

(Then approved in this recent template by department council on 2/10/2009)

A-Basic information

Title : Animal behaviour and management

Code: Vet 00625 a

Lecture: 3 hours

Practical : 3 hours

Total: 6 hours/week

B-Professional information

1-Overall aims of course :

The aim of course is to provide the students with a basis education in the field of the behaviour of animals in their natural environments and controlling their lives with care, attentive and accurate manner. Provide the students with an overview on general behaviour, behaviour and management of horse, behaviour and management of cattle and buffalo, behaviour and management of camel, behaviour and management of sheep & goat.

2-Intended Learning Outcomes of Course (ILOs).

a-Knowledge and understanding :

Graduates of veterinary medical program must acquire the following knowledge and understanding in course of animal and poultry behaviour and management

- 1) Comprehend The basics of normal behaviour, management and health maintenance of domestic animals (horse, cattle, buffalo, camel, sheep and goat).
- 2) Familiarize with the principles of welfare , production and health maintenance of food producing animals and sporting animals
- 3) Know the basics of laws and ethical codes relevant to animals and food hygiene.

- 4) Recognize animal welfare which in turn will be reflected in form of high performance and productivity of the animal.
- 5) Describe which is going within the animal mind and understand the body language in order to fulfill all the reasonable useful requirements of the animals
- 6) Summarize the actual aetiological factors which can induce behavioural disorders or vices
- 7) Familiarize with handling and restraint of different domestic and dangerous animal .
- 8) Realize the proper management of horse , cattle , buffalo, camel, sheep and goat which in turn will be reflected in the form of high performance and productivity of the animal and safety of the animal care staff.
- 9) Enumerate the different behavioural disorders of horse , cattle , buffalo, sheep and goats.
- 10) List freedoms of animals in order to avoid suffering and sustain fitness.
- 11) Relate the environmental condition with different behaviour of animals

b- Intellectual skills:

Graduates must have the ability to

- 1- Assess the diagnosis of abnormal behaviour in horse, cattle, buffalo, camel, sheep and goats
- 2- Judge the body language of horse, cattle, buffalo, camel, sheep and goats
- 3- Design new housing system which permit animals to grow , mature reproduce and maintain good health.
- 4- Develop new method for effective restraint of domestic animals
- 5- Create new methods to control and prevent behavioural disorders in horse, cattle, buffalo, camel, sheep and goats
- 6- Invent new instruments and devices used for treatment of behavioural disorders in animals
- 7- Modify systems of management in order to obtain high performance and productivity
- 8- Assess and criticize , how data given in animal behaviour are derived
- 9- Analyze the body language of horse, cattle, buffalo, camel, sheep and goats **In order to fulfill the useful requirements of the animals.**

C- Practical and professional skills

Graduates must be attain the capacity to:

- 1-Employ all the gained knowledge and understanding in animal behaviour in skillful pattern
- 2-Safely , correctly and humanely restrain animals for examination
- 3-Obtain the history of the case whether it is of an individual animal or a group of animals
- 4-Perform physical examination of animals for signs of health
- 5-Write a report about soundness of animals
- 6-Write a certificate about imported and exported animals.
- 7-Read a pedigree in farmed animals
- 8-Assess and advice about animal management and reproductive efficiency
- 9-Gain skillfully and appropriately use new information in the field of animal behaviour
- 10-Utilize appropriate safety procedures to protect clients and Co-workers.
- 11-Scan the actual etiological factors which can induce behavioural disorders in animals.
- 12-Solve the different behavioural disorders or vices in horse, cattle, buffalo, camel, sheep and goats

**D-General and transferable skills:
Graduates must have the ability to**

- 1-Work under pressure and / or contradictory condition in contain codes.
- 2-Communicate verbally and non-verball with lecturers and class-mates
- 3-Conduct research papers and project
- 4-Utilize computer and internet skills
- 5-Present a scientific study about animal behaviour
- 6-Function in a multidisciplinary team during conducting a research paper
- 7-Search about new information in animal behaviour and management
- 8-Interact with other graduates allover the world.

3-Contents :

Topic	No. of hours	Lecture	Practical
1- General behaviour	5	5	-
2-Bchaviotir and management of horse	12	12	-
3- Behaviour and management of cattle and buffalo	12	12	-
4- Behaviour and management of camel	6	6	-
5-Behaviour and management of sheep & goat	10	10	-
6-Points of the farm animals	6	-	6
7- Types of restraint	14	-	14
8-Grooming of animals	4	-	4
9- Clipping of animals	4	-	4
10- Washing of animals	4	-	4
11-Clothing of animals	4	-	4
12-Bedding	3	-	3
13-Animal identification	6	-	6
Total	90	45	45

4- content-ILOs matrix

Content	ILOs			
	Knowledge and understanding	Intellectual	Professional and practical	General and transferable
1-General behaviour	A1,5	B9	C1,9	D1
2-Bchaviotir and management of horse	A5,6,8,9,10,11	B1,2,5,6,8,9	C3,5,6,7,8,9,10,11,12	D 2,3,4,5,6,7,8
Behaviour and management of cattle and buffalo	A1,2,3,4,5,6,8,9,10,11			
4- Behaviour and	A1,2,3,4,5,6,8,9,10,11	B1,2,3,5,6,7,8,9,	C5,6,7,8,9,10,11,12	D2,3,4,5,6,7,8

management of camel				
5-Behaviour and management of sheep & goat	A1,2,3,4,5,6.8,9,10,11	B1,2,3,5,6,7,8,9	C5,6,7,8,9,10,11,12	D2,3,4,5,6,7,8
6-Points of the farm animals	A1,5,7	B1,2	C1,4	D2
7- Types of restraint	A7	B4	C2,10	D2
8-Grooming of animals	A2,8	B1	C8	D2
9- Clipping of animals	A1,2,8	B1	C8	D2
10- Washing of animals	A1,2,8	B1	C8	D2
11-Clothing of animals	A1,2,8	B1	C8	D2
12-Bedding	A1,2,8	B1	C8	D2
13-Animal identification	A1	B3	C3,6,7	D2,8

5- Assessment-ILOS matrix

Assessment	ILOS			
	Knowledge and understanding	Intellectual	Professional and practical	General and transferable
Mid-term Exam.	√	√	√	×
Final term Exam.	√	√	√	√
Oral Exam.	√	√	√	√
Practical Exam.	√	√	√	√
Semester Exam.	√	×	×	√

- 5- Richard , A.B. and Vernon, B.M. (1987): I land Book of Livestock Management.
- 6- Rathore, G.S. (1986): Camels and Their Management.
- 7- Ronald, S.A. and Andrew, T.B. (1991): Practical Animal Handling.
- 8- William, C.M. and Robertson, E.D. (1952): Practical Animal Husbandry

6.3-Recommended books:

- 1- Richard, A.B. (1998): Handbook of Livestock Management Techniques.
- 2- William J. and Trevar, R. (1999): An Introduction to Animal Husbandry in The Tropics.
- 3- Keeling L.J. and Gonyou, FI.W. (2001): Social Behaviour in Farm Animals

6.4 Periodicals, web sites, ... etc.

- 1- Applied Animal Behaviour Science.
- 2- Veterinary Records.

7-Facilities required for teaching and learning:

- 1- Farm animals.
- 2-Data show and computer lab.
- 3-Laboratory animals.
- 4- Different types of instruments for restraint of animals.

Course Coordinator:

Prof Dr Mohamed Morsy Karosa

Head of the Department:

Prof.Dr. Mohamed Morsy Karosa

Date: