Course Specification
Animal and Poultry Behavior and Management (A)

Benha University                  Faculty of Veterinary Medicine

Course title: Behaviour and management of rabbits

Program on which the course is given: Master degree in veterinary medical science (Animal and Poultry Behavior and Management)

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

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

(Then approved in this recent template by department council on 30/11/2011)

A-Basic information

Title: Animal behaviour and management                        Code: 37
Lecture: 2 hours
Practical: 2 hours                                                Total: 4 hours/week

B-Professional information

1-Overall aims of course:

After completion the course the postgraduates are expected to be able to

1-aquire broad knowledge about behavior of rabbits

2-know management of rabbits

3-Determine health performance of rabbits

2-Intended Learning Outcomes of Course (ILOs).

A-Knowledge and understanding:
After completing this course the student will be able to:

a1) comprehend the basic of normal management and health maintenance of rabbits

a2) familiarize with the principle of welfare, production and health maintenance of rabbits

a3) know the basics of laws and ethical codes relevant to animals and food hygiene.

a4) recognize animal welfare which in turn will be reflected in form of high performance and productivity of the animal.

a5) Describe which is going within the animal mind and understand the body language in order to fulfill all the reasonable useful requirements of rabbits

a6) summarize the actual etiological factors which can induce behavioural disorders in rabbits

a7) familiarize with handling and restraint of different rabbits

a8) realize the proper management of rabbits which in turn will be reflected in the form of high performance and productivity of the animals

a9) Enumerate the different behaviour disorders of rabbits

a10) list freedoms of animals in order to avoid suffering and sustain fitness.

a11) Relate the environment conditions with different behaviours of rabbits

b- Intellectual skills:

b1- assess the siagnosis of abnormal behaviour in rabbits

b2- judge the body language of rabbits
b3- design new housing system which permit animals to grow, mature reproduce and maintain good health.

b4- develop new method for effective restraint of rabbits

b5- creat new methods to control and prevent behavioural disorders in rabbits

b6- invent new instruments and devices used for treatment of behavioural disorder in animals.

b7- modify systems of manegement in order to obtain high performance and productivity.

b8- assess and criticize, how data given in animal behaviour are derived.

b9-analyze the body language of rabbits

.in order to fulfill the useful requirements of animals.

C- Professional and practical skills:

c.1). Employ all the gained knowledge and understanding in clinical practice in a skillful pattern.
c.2). safely, correctly and humanely restrain animals for examination.
c.3). obtain the history of the case whether it is of an individual animal or a group of animals.
c.4).perform physical examination of animals for signs of health.
c.5) write a report about soundness of animals.
c.6) Write a certificate about imported and exported animals.
c.7) Read a pedigree in farmed animals
c.8) Assess and advice about animal manegament and reproductive efficiency.
c.9) Gain skillfully and appropriately use new information in the field of animal behaviour.
c.10) utilize appropriate safety procedures to protect clients and co-workers.
c.11) scan the actual etiological factors which can induce behavioural disorders in animals.
c.12) solve the different behaviour disorder or vices in rabbits

D-General and transferable skills:

After successful completion of the course, the students should be able to:

d.1 work under pressure and or / contradictory conditions in contain codes.
d.2. utilize computer and Internet to search for information
d.3. communicate verbally and non verball with lectures and class-mates
d.4. conduct research papers and project.
d.5. function in a multidisciplinary team during conducting a research paper and during laboratory work.
d.6. search about new information.
d.7. present a scientific study.

3-Contents :

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of hours</th>
<th>Lecture</th>
<th>Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1- General behaviour</td>
<td>35</td>
<td>35</td>
<td>-</td>
</tr>
<tr>
<td>2-Behaviour of rabbits</td>
<td>25</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3-Management of rabbits</td>
<td>30</td>
<td>30</td>
<td>-</td>
</tr>
<tr>
<td>4-Housing of rabbits</td>
<td>15</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>5-Points of the farm animals</td>
<td>10</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>6- Types of restraint</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>12-Bedding</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>13-Animal identification</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Ageing of rabbits</td>
<td>5</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Administration of medicine to rabbits</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Bleeding of rabbits</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Rabbit inoculation</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Signs of health of rabbits</td>
<td>10</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Rabbit anesthesia</td>
<td>5</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>180</strong></td>
<td><strong>90</strong></td>
<td><strong>90</strong></td>
</tr>
</tbody>
</table>
4-Teaching and learning methods:

Lectures, farm visits and practical sessions in which the following facilities are used:

Lectures using data show beside the classical teaching methods.

Practical studies

Case study

Essay about behaviour and management of rabbits

4.1 rabbit farm

4.2 Slides

4.3 CD

4.4 Video tapes

4.5 Demonstration of instruments used for restraint of animals, animal identification and inoculation.

5-Student assessment methods:

5.1 Semester work to assess student ability discussion his attendants.

5.2 Practical exam to assess professional and practical skills.

5.3 Oral exam to assess ability to demonstrate his knowledge.

5.4 Written examination to assess different skills

Assessment Schedule:

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment 1</td>
<td>15</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>44 Week</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>45 Week</td>
</tr>
<tr>
<td>Assessment 4</td>
<td>45 Week</td>
</tr>
</tbody>
</table>
Weighting of assessments :

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final-term examination</td>
<td>50%</td>
</tr>
<tr>
<td>Oral examination</td>
<td>20%</td>
</tr>
<tr>
<td>Practical examination</td>
<td>20%</td>
</tr>
<tr>
<td>Semester work</td>
<td>10%</td>
</tr>
<tr>
<td>Other types of assessment</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Assessment of program intended learning outcomes.

<table>
<thead>
<tr>
<th>Tool or method</th>
<th>ILOs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Written</td>
<td>a1,a2,a4,a7,a9,b1,b2</td>
</tr>
<tr>
<td>2-Oral</td>
<td>a6,a9,</td>
</tr>
<tr>
<td>3-Practical</td>
<td>a7,c2</td>
</tr>
<tr>
<td>4-Seminar</td>
<td>A1,a2,a4,b1,b2,c1,c2</td>
</tr>
</tbody>
</table>

6-List of references

6.1- Course notes:
A concise guide of animal and poultry behaviour and management

6.2- Essential books (Textbooks)


6.3-Recommended books:


6.4 Periodicals, web sites, … etc.


2- Veterinary Records.

7-Facilities required for teaching and learning:

1- Farm animals. 2- Data show and computer lab.

3- Library

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: 30/11/2011