**1-Basic information**

|  |  |
| --- | --- |
| **Course Code:** | **ABM:2223** |
| **Course title :** | **Animal & Poultry Behaviour and Management** |
| **Academic year:** | 2nd academic Year |
| **Program title:** | B.V. Sc. (Veterinary Medical Sciences) |
| **Contact hours/ week** | 4 hours/week, (2 Lect./week, 2 Practical/week) |
| **Approval Date** |  |

**2-Professional information**

**Overall aims of course**:

**This course aims to:**

1- Acquire the basic skills to improve animal and poultry wealth by understanding their behavior and application of different management techniques for poultry, pet and laboratory animals.

2- Distinguish between normal and abnormal behaviour.

3- Practice the animal dentition and administration of medicine.

4- Differentiate between healthy &diseased animals.

**- Intended learning outcomes of course (ILOs)**

**a-Knowledge and understanding:**

**By the end of this course the student should be able to:**

a1- Describe different managerial systems providing animal and poultry welfare.

a2- Summarize different patterns of animal and poultry behaviour.

a3- List common terms, breeds and marks of poultry , camels, laboratory and pet animals.

a4- Enumerate methods of laboratory animal marking and identification.

a5- Summarize the behavioural, anatomical and physiological adaptation of camels to hot desert environment.

**b-Intellectual skills**

**By the end of this course the student should be able to:**

b1- Choose the best management systems for different animal species.

b2-Differentiate between normal and abnormal behaviours in each animal and poultry species.

b3- Distinguish the healthy animal from diseased one.

b4- Interpret the good housing system for laboratory animals.

**c-Professional and practical skills**

**By the end of this course the student should be able to:**

c1- Determine the animal age.

c2- Apply the best methods used for administration of medicine.

c3- Detect the possible causes and remedies for abnormal behaviour.

**d-General and transferable skills**

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

d1- Work in a group.

d2- Manage time.

d3- Work under pressure and or contradictory conditions

**4-Topics and contents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Topic** | **No. of hours** | **Lectures** | **Practical** |
| 2nd year- 2nd term  Animal & Poultry Behaviour and Management  **(Lec. 2h./week, Pract. 2h./week)** | **-Management and Behaviour of Poultry (1-4)** | 8 | 8 | - |
| **-Management and Behaviour of Laboratory Animals (5-7)** | 5 | 5 | - |
| **-Management and Behaviour of camels (7-9)** | 5 | 5 | - |
| **-Management and behaviour of Dogs (10-11)** | 4 | 4 | - |
| **-Management and Behaviour of Cats (12-13)** | 4 | 4 | - |
| **-Dentition and Ageing of animals (1-3)** | 6 | - | 6 |
| **-Signs of health (4-6)** | 6 | - | 6 |
| **-Administration of medicine (7-9)** | 6 | - | 6 |
| **-Behavioural anomalies and control (10-13)** | 8 | - | 8 |
| Total | 52 |  |  |

**5-Teaching and learning methods**

5.1- Lectures, brain storm, discussion… using board, data shows and multimedia aids.

5.2- Self learning by preparing essays and presentations (computer researches and faculty library)

5.3- Practical (in faculty farm).

5.4- Farm visits.

**6-Student assessment**

**6.1. Assessments methods:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | Matrix alignment of the measured ILOs/ Assessments methods | | | |
| **K&U** | **I.S** | **P&P.S** | **G.S** |
| Final Exam | a1,a2, a3,a4,a5 | b1,b2,b4 | c3 |  |
| Practical Exam |  | b3 | c1,c2,c3 | d1, d2,d3 |
| Oral Exam | a1,a2, a3,a4 | b1,b2,b3,b4 | c1,c2,c3 | d3 |
| Student activities |  |  | c1,c2,c3 | d1, d2,d3 |

**6.2. Assessment schedules/semester:**

|  |  |
| --- | --- |
| **Method** | **Week(s)** |
| Practical exams | 15th |
| Writing exams | Managed by administrator |
| Oral Exam | Managed by department |
| Student activities | Throughout the semester |

**6.3. Weight of assessments:**

|  |  |
| --- | --- |
| Assessment | Weight of assessment |
| Practical exams | 20 |
| Final exams | 50 |
| Oral exams | 20 |
| Student activities | 10 |
|  | 100% |

**7- List of references**

**7.1. Notes and books**

Departmental notes (filing number: 3546/2003) on:

-Practical Note of Animal & Poultry Behaviour and Management (part1)

-Practical Note of Animal & Poultry Behaviour and Management (part2)

**7.2. Essential books:**

- **Fraser, A.F. ( ):** Farm Animal Behaviour

- **Fraser, A.F. and Broom, D.M. ( ):** Farm Animal Behaviour and Welfare

- **Payne, W.J. ( ):** An Introduction to Animal Husbandry in the Tropics

- **Katherine A. Houpt ( ):** Domestic Animal Behaviour for Veterinarians and Animal Scientists

- **Drickamer, L.C., Vessey, S.H. and Meikle, D. ( ):** Animal Behaviour

- **Sherman, P.W. and Alcock, J. ( ):** Exploring Animal Behaviour

- **Ploger, B.J. and Yasukawa, K. ( ):** Exploring Animal Behaviour in Laboratory and Field

These books are available at the library of faculty of veterinary medicine- Beni Suef

**7.3. Journals, Websites ……..etc**

**Journals:**

* Behaviour

- Animal Behaviour

-Applied Animal Behaviour Science

- Journal of Behaviour and Hormones

- Animal Breeding Abstracts

- Poultry Science

* Journal of Animal Science
* journal of Animal Production
* Canadian Journal of Animal Science
* British Journal of Poultry Science
* Animal Reproduction Science
* Theriogenology
* Livestock Production Science

**Websites:**

* American Association of Dairy Science

-American Association of Animal Science

**Course Coordinators Head of Department**

**Dr. Naglaa Mohamed Abdel-Azeem Prof.Dr. Hosny Hafez Emeash**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Topic** | **Week** | **Intended learning outcomes of course (ILOs)** | | | |
| **K&U (a)** | **I.S (b)** | **P.P.S (c)** | **G.T.S (d)** |
| **Management &Behaviour of poultry** | 1-4 | 1,2,3 | 1,2 | 3 | 1,2 |
| **Management &Behaviour of laboratory animals** | 5-7 | 1,3,4 | 1,4 | 3 | 1,2 |
| **Management and behaviour of camels** | 7-9 | 1,2,3,5 | 1,2 |  | 1,2 |
| **Management &Behaviour of dogs** | 10-11 | 1,2,3 | 1,2 | 3 | 1,2 |
| **Management &Behaviour of cats** | 12-13 | 1,2,3 | 1,2 | 3 | 1,2 |
| **Dentition and Ageing of animals** | 1-3 |  |  | 1 | 1,2,3 |
| **Signs of health** | 4-6 |  | 3 |  | 1,2,3 |
| **Administration of medicine** | 7-9 |  |  | 2 | 1,2,3 |
| **Behavioural anomalies and control** | 10-13 |  | 2 | 3 | 1,2 |