



Course specification

University/Academy: Damanhour

Faculty/Institute: Science

Department: Zoology

1. course Data:

Course code: Zool 423	Course title: Animal behaviour and zoo techniques	Academic year:2010/2011 level:4 th term / 1 st term
Specialization: Zoology&chemestery	No. of instructional units: lecture <input type="text" value="2hrs/week"/> practical <input type="text" value="3hrs/week"/>	

2. course Aim

- Knowing the nature of behaviour and its relation to nervous system.
- Understanding the social sexual behaviours and parental care.
- Explaining the methods of preparation of museum jars.
- Using the theoretical basis of microscopical techniques.
- Showing the mounts of different animals and microscopical slide of different organs.
- Describing scanning electron microscope.
- Defining the reflexes, orientation and learning.
- Using transmission electron microscope.

3. Intended learning outcome

a) Knowledge and understanding

- A1: Define the behaviour and its relation to nervous system.
- A2: list the orientation types, learning and reflexes.
- A3: Recognize the important of social and sexual behaviours.



	A4: Identify the parental care.
b) Intellectual skills	<p>B1: determine the relation between the behaviour and the nervous system.</p> <p>B2: evaluate the theoretical basis of microscopical basis.</p> <p>B3: classify the methods of preparation of museum jars.</p> <p>B4: compare between using of scanning and transmission electron microscope.</p>
c) Professional skills	<p>C1: show the mounts of different animal and microscopical slide of different organs.</p> <p>C2: explain the scanning electron microscope.</p> <p>C3: use the transmission electron microscope.</p> <p>C4: transcribe the social and sexual behaviour.</p>
d) General skills	<p>D1: communicate with each other for mutual skills and information.</p> <p>D2: collect data from the internet.</p> <p>D3: exchange ideas, principles and data.</p>
4. course content	<ul style="list-style-type: none"> • Introduction, identify the behaviour and its relation to N.S • Understanding the reflexes orientation and learning. • Knowing social and sexual behaviour. • Defining the parental care examples. • Compare between methods of preparation of museum jars • Transcribing the theoretical basis of microscopical techniques. • Explaining the mounts of different animals. • Describing the slide of different organs. • Comparing between using of scanning and



	transmission electron microscope.
5. Teaching and learning methods	<ol style="list-style-type: none"> .1. lecture. .2. laboratory study and practice. .3. team work for scientific assays.
6. teaching and learning methods for students with special needs	-----
7. Student Assessment	
a) Procedures used:	<ol style="list-style-type: none"> .1. final term exam. .2. mid term exam. .3. practical exam. .4. semester quizzes
b) Schedule:	Assessment 1: semester work Assessment 2: mid term exam Assessment 3: practical exam Assessment 4: final term exam
c) Weighing of Assessment:	Mid-Term Examination: -----10----- ----- Final-Term Examination: -----100----- ----- Oral Examination: ----- ----- Practical Examination: ----- 30----- ----- Semester Work: -----10----- Other types of assessment: _____ <p align="right">Total: 150</p>



8. List of Textbooks and References:	-----
a) Course Notes	-----
b) Required Books (Textbooks)	-----
c) Recommended Books	-----
d) Periodicals, web sites,...,etc	- http://www.wekepedia.com

Course Instructor: Dr. Eman Hashem

Head of Department: Prof . Karoline Kamel Abdel Aziz

Date: -----/-----/-----