



Mansoura University Faculty of Medicine

Physiology Department Log Book 2016 – 2017

ختم القسم

إيصال تسليم Log Book

اسم الطالب :

الفرقة :

رقم الجلوس :

تاريخ التسليم :

توقيع المستلم :

Mansoura University

Faculty of Medicine

Department of Medical Physiology



Log Book

For

Undergraduate Students

OF

Physiology Course

1st year

2016- 2017

Course Specification 2015/2016
For the Medical Physiology (first year)

Faculty : Medicine
Department : Medical Physiology

Course Specification:

Programme(s) on which the course is given : M.B.B.Ch program
Department offering the course : Department of Medical Physiology
Academic year / level : 1st year
Date of specification approval : 29/11/2015

A- Basic information:

Title:	Medical Physiology	Code:	PSL.1		
Lecture:	150	Tutorial:	Practical 60	Total:	210

B- Professional Information:

1 - Overall Aims of Course

The overall aim of the course is to provide the students with the basic knowledge of physiology and develop several practical skills related to experimental work through training on several basic medical skills.

2 – Intended Learning Outcomes of Course (ILOs)

A - Knowledge and Understanding:

By the end of the course, students should be able to:

A1- Recognize the different cellular components, their functions and physical rules controlling them

A2- Identify different divisions of nervous system and the components of each especially the divisions controlling the visceral functions (autonomic nervous system)

A3- Recognize normal functional structure of neurons, neuromuscular junction, muscle and list their effects and factors affecting them.

A4-Discuss composition of blood, different cellular elements and functions

A5-Describe the functional anatomy of CVS and most common abnormalities e.g. shock and edema

A6-Explain the physiological anatomy of respiratory system and explain mechanics of respiration and abnormal patterns

B- Intellectual Skills:

By the end of the course, students should be able to:

B1- Integrate facts about function of different organs subserving the homeostasis.as (nerves, muscles, heart, lungs, vessels and blood)

B2- Solve medical problems related to diagnosis & treatment of physiological problems as: pH disturbance, hemorrhage, shock.

P-Professional and Practical Skills:

By the end of the course, students should be able to:

C1- determine the effect of gradation of stimuli on simple muscle twitch

C2- determine the effect of temperature on simple muscle twitch

C3- determine the effect of fatigue on simple muscle twitch

C4-Measure arterial blood pressure

C5- Determine auscultatory areas and auscultate the heart sounds

C6-Interpret ECG

C7-Determine blood groups

C8- Interpret Hb content in blood sample

C9- Interpret ESR

C10- Interpret normal pulmonary function tests

T- General and Transferable Skills:

By the end of the course, students should be able to:

D1. Adopt principles of the lifelong learning needs of the medical profession.

D2 Present information clearly in written, electronic and oral forms



توزيع درجات التحريري وال MCQ للفرقة الأولى للمنهج الدراسي 2015/ 2016

	Number of hours	Relative Weight	Total	MCQ	Written
Autonomic nervous system	12	13%	25	15	10
Nerve and muscle	22	14%	27	16	10
Biophysics	9	9%	10	4	5
Blood	16	13%	27	11	15
Cardiovascular system	54	37%	55	24	30
Respiration	15	14%	26	10	15
		100%	165	80	85

رئيس قسم الفسيولوجيا

أ.د/ هناء أحمد حسن عبد المنعم

Personal Data:

Recent Photo



- **Name:**
- **Nationality:**
- **Address:**

- **Telephone:**
 - Home:*
 - Mobile:*
- **E-mail:**
- **Date of registration for Physiology Course:**
- **Section:**
- **Group:**
- **Section supervisors:**

PRACTICAL

SECTIONS

Experiment ()::

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Experiment ()::

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Presentation Date:

Supervisors:

1-

2-

3-

4-

Evaluation:

Signature of principle supervisor

Attendance Report

(Filled by the department)

- Number of sections attended:
- Number of sections missed:
- Total number of sections:
- Percentage of attendance (number of sections attended / total number):

Signature of attendance employee

Signature of principle supervisor

FINAL Practical Examination

Experiment:

Signature of Examiner:

FINAL REPORT

(Filled by the Supervisors)

1 <u>Attendance:</u> <input type="checkbox"/> Above 85% <input type="checkbox"/> Below 85%
2 <u>Commitment Level:</u> <input type="checkbox"/> Excellent <input type="checkbox"/> Satisfactory <input type="checkbox"/> Poor
3 <u>Mid-term Practical Examination:</u>
4 <u>Essay:</u>
5 <u>General Evaluation:</u> <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Average <input type="checkbox"/> Poor
<u>Written Conclusive Opinion (Optional):</u>

Signature of principle supervisor