



# 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**

**2<sup>nd</sup> year**

**2016- 2017**

## Course Specification 2015/2016

For the Medical Physiology (second 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 : 2<sup>nd</sup> year

Date of specification approval : 29/11/2015

#### A- Basic information

Title: Medical Physiology Code: PSL.2

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- Identify the different components of CNS and role of each

A2- Describe renal structure and explain functions of different parts of the nephron

A3-Identify endocrinal glands and identify their functions, their regulation and homeostatic roles, discuss male and female reproductive function

A4-Identify the special senses and explain the physiological anatomy of each sense

A5- Explain the types of metabolic reactions, thermogenesis, food intake and their alteration during muscular exercise

A6-Discuss different components of digestive system and its role in food ingestion, digestion, absorption and excretion

#### B- Intellectual Skills:

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

B1- Integrate facts about function of different organs sub serving the homeostasis.as  
CNS, kidney, digestive system and endocrine gland

B2- Solve medical problems on pathophysiological bases related to diagnosis and  
treatment of physiological problems as: PH disturbance, fluid and electrolytes  
disturbances, fever, hypothermia and sensory disturbances

**C-Professional and Practical Skills:**

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

C1 Examine sensory function of CNS

C2 - Elicit tendon jerk

C3- Elicit superficial reflexes

C4- Demonstrate small intestinal motility in isolated small intestinal segment of rabbit

C5-Determine visual field

C6-Determine visual acuity

C7- Determine colour vision

C8- Elicit light reflex and general reflexes

C9- Examine hearing acuity

C10- Compute renal clearance to study the kidney function

C11- Measure body temperature

C12- Perform pregnancy test

**D- 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

D3 Work effectively within a team



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

	Number of hours	Relative Weight	Total	M C Q	Written
Central nervous system	40	35 %	55	27	28
Kidney	18	14%	24	11	13
Special senses	12	14%	24	12	12
Metabolism	12	5 %	9	2	7
Digestive System	18	14 %	24	14	10
Endocrine	20	18 %	29	14	15
		100%	165	80	85

رئيس قسم الفسيولوجيا

أ.د/ هناء أحمد حسن عبد المنعم

Recent Photo

**Personal Data:**

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











**PRACTICAL**

**SECTIONS**

**Experiment ( )::**

**Date:**

**Subject:**

**Results:**

**Comment:**

## **Experiment ( )::**

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**Subject:**

**Results:**

**Comment:**

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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)

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

Signature of principle supervisor