

# **Course 211 PSL Physiology**

**Deapartement of Physiology  
King Saud University  
Femal Section  
Semeter 1, Term 1**

## ADVICE TO STUDENTS

This booklet contains the programmes for the academic year 1424-1425 providing information regarding the lectures, practical sessions and tutorials. It also gives the timetable of various assessments including regular quizzes, continuous assessments and final examinations, all of which contribute to your grade at the end of the year.

You are strongly advised to:-

- 1- Attend your lectures, practicals and tutorials. They are there for your benefit. Do not skip any of the quizzes. They are designed to check whether you are coping adequately with the course or are having difficulties with particular topics and are lagging behind. Their marks also have a wightage in your final grade.
- 2- Make sure, as soon as possible, after a lecture or practical, that you have understood the objectives of that session. If you can do this on the same day as the lecture or practical so much the better.
- 3- Actively participate in the practicals whenever possible. Most students find that they can understand the topic more easily if they are the subjects for the experiments in the laboratory. Please read the practical notes before coming to the laboratory (sometimes it is possible to read about a topic before attending a lecture! This is highly recommended, as it will help you understand the topic better.
- 4- Be careful and not depend solely on handouts. If you have the time to write a few notes of your own, as well as read the recommended textbook, you will find the topics will be easier to understand. If you are having any difficulties, ask a member of staff for help. Do not be shy! All the teaching staff are approachable and will be happy to answer your questions.

## MARKING AND EVALUATION

### FIRST TERM

1 <sup>st</sup> CONTINUOUS ASSESSEMENT	=	15
MARKS		
QUIZZES (2)	=	10
MARKS		
MID-YEAR EXAMINATION (COMPREHENSIVE)	=	20
MARKS		
PRACTICAL EXAMINATION	=	05
MARKS		
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<b>SUB-TOTAL</b>	<b>=</b>	<b>50</b>
<b>MARKS</b>		

### SECOND TERM

2 <sup>nd</sup> CONTINUOUS ASSESSMENT	=	15
MARKS		
QUIZZES (2)	=	10
MARKS		
FINAL EXAMINATION (COMPREHENSIVE)	=	20
MARKS		
PRACTICAL EXAMINATION	=	05
MARKS		
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<b>SUB-TOTAL</b>	<b>=</b>	<b>50</b>
<b>MARKS</b>		

**TOTAL MARKS FOR THE YEAR ----- = 100**

## LIST OF RESOURCE PERSONS

### RECOMMENDED TEXTBOOK:

- Human Physiology and Mechanism of Disease by (Guyton and Hall)

### REFERENCE BOOKS:

- Human Physiology by (Stuart Ira Fox)
- Review of Medical Physiology by (Ganong)
- Concise Human Physiology by (M.Y. Sukkar)

## LECTURE SCHEDULE

After an introduction by the Chairman of Department and the Course Organizer the following lecture courses will be presented:

<u>Term I</u>	<u>No. of lectures</u>
1. Introduction to physiology	1
2. Cell membrane and body fluids	3

3. Blood physiology	6
4. Nerve and Muscle	3
5. ANS	3
6. Cardiovascular physiology	15
7. Respiratory physiology	9

**Term II**

8. Gastrointestinal physiology	9
9. Renal and acid-base physiology	8
10. Endocrinology	9
11. Central Nervous System and the Special Senses.	18

**PRACTICAL SCHEDULE**

**Term I**

1. Blood physiology
2. Nerve and Muscle Physiology
3. Cardiovascular physiology
4. Respiratory physiology

**Term II**

5. Renal physiology
6. Endocrinology
7. Central Nervous System and the Special Senses.

**TUTORIAL SCHEDULE**

During this time, students will discuss topics taught in the lectures, apply this knowledge to problems particularly relevant to students of Dentistry and take quizzes.