course contract

Name of the course : Medical physiology

Academic year : second year - second term (2013 - 2014)

Course code : PSL 207 - PSL 208

Contact hours (credit hours) : 5 lectures / week ............... 1 practical / week

Course aims :

a. To enable students to understand the function of different body systems and organs.
b. To enable students to integrate and coordinate regulatory mechanisms of body in health and disease state.

ILOS :

a1. Recognize mechanism of actions of synapses and receptors (ILO-a3)
a2. Identify the different somatic sensations and draw the sensory pathways (ILO-a2)
a3. Explain the motor functions of spinal cord. (ILO-a2-a4)
a4. Explain the functions of cortex, cerebellum and basal ganglia (ILO-a2-a4)
a5. Explain optical functions of different parts of eye (ILO-a2)
a6. Explain and draw visual pathway (ILO-a2)
a7. Explain functions of different parts of ear (ILO-a2)
a8. Explain mechanism of hearing (ILO-a2-a3)
b1. Interpret and explain disturbed body functions in different diseases.
b2. Think and expect the outcome of disturbed mechanisms of functions.
b3. Analyze the given information.
b4. Solve problem through case study.
c1. Discriminate touch sensation.
c2. Test vibration sense
c3. Test tendon jerk  
c4. Test corneal reflex and light reflex  
c5. Do Weber and Rinne test  
d1. integrate information by all means including electronically ( ILO-d1 )  
d2. organize information clearly in written, electronic and oral forums ( ILO-d2 )  
d3. be involved in groups to introduce project ( ILO-d1 )

**Student assessment:**

**a. Methods:**
   i. Class activity  
   ii. Practical exam  
   iii. Oral exam  
   iv. Quiz and final exam

**b. Assessment schedule:**
   v. Quiz 1  
   vi. Midterm  
   vii. Quiz 2  
   viii. Final written exam  
   ix. Final practical exam

**c. Weight of assessment:**
   x. Class activity  
   xi. Midterm  
   xii. Practical exam  
   xiii. Final written exam  
   xiv. Oral exam  
   xv. Total