

**SUBJECTS FOR THE PHYSIOLOGY PRACTICAL EXAM - 2nd Year English Module - Second semester, 2016/2017**

1. Action potential in the heart. The law of periodic inexcitability of the heart.
2. Heart automatism. Stannius ligatures
3. The influence of ions and mediators on heart activity
4. The influence of mediators on heart activity. Vagal escape
5. Heart sounds. The phonocardiogram recording and analysis.
6. Carotidogram recording and analysis.
7. Jugulogram.
8. Polygram.
9. ECG: basic concepts, interpretation of normal ECG (mandatory subject to promote)
10. Blood pressure measurement; normal parameters.
11. Blood pressure: normal parameters and physiological variations; Cold pressure test (CPT)
12. Pneumogram, pulmonary volumes (spirometry) and pulmonary capacities
13. Forced ventilatory flows, FEV1
14. Ventilatory flows, flow-volume loop
15. Physical and chemical properties of the urine – Urinalysis
16. Urine dilution-concentration test
17. Renal clearance for urea and creatinin