

Practical final exam questions

1st semester

- Methods for taking blood; Procedures before transfusion: major test, minor test, biological test
- Anticoagulant options
- ABO and Rh blood typing
- Determination of prothrombin time and International Normalized Ratio - INR
- Determination of hematocrit
- Erythrocyte sedimentation rate
- Counting red blood cells
- Counting white blood cells
- Counting thrombocytes
- Preparation and evaluation of blood smear
- Osmotic resistance of red blood cells
- Bleeding time, clotting time
- Price-Jones curve
- Electrocardiography (ECG)
- Pulse qualities
- Methods and criteria of measuring blood pressure
- Experiments on the isolated rat heart
- Spirometry

2nd semester

- Color, smell, transparency and pH of the urine
- Detection of urobilinogen (UBG) in the urine
- Detection of sugar in the urine
- Detection of proteins in the urine
- Detection of bile pigments in the urine
- Detection of acetone in the urine
- Detection of calcium in the urine
- Testing the of amylase and maltase activity of the saliva
- Examination of reflexes on humans
- Visual acuity
- Detection of astigmatism
- The light-response of the pupil
- Tests for color blindness
- Ophthalmoscopy
- Nystagmus
- Acoustic acuity (audiometry)
- Tests with a tuning fork
- Testing the somatosensory functions of the skin (2 points discrimination)
- Electroencephalography (EEG)
- Oral glucose tolerance test