

## **TOPICS OF PRACTICAL EXAMINATION**

Red Blood Cell Count (I.1)

Estimation of Blood Group by Slide Method (II)

Erythrocyte Sedimentation Rate (III)

Estimation of Osmotic Resistance of Red Blood Cells (IV)

Apex Beat, Heart Sounds (VI)

Examination of Pulse by Palpation - Heart Rate in Changes of Posture (VIIc)

Examination of Pulse by Palpation - Changes of Heart Rate during Muscular Load (VIId)

Blood Pressure in Man (VIII)

Non-invasive Methods of Blood Pressure Measurement (principals of methods - IX)

Electrocardiography (X)

Digital Model of Aortic Function - Changes of Stroke Volume and Heart Rate (XI.1, XI.2, XI.3)

Digital Model of Aortic Function - Influence of Aortic Compliance and Peripheral Resistance (XI.1, XI.4, XI.7)

Measurement of Pulse Wave Velocity. Sphygmography (XII)

Evaluation Systolic Time Intervals using Polygraph Recording (XIII)

Spirometry (XVIII A)

Recording of Forced Vital Capacity (XIX)

Pneumotachography and Estimation of Airway Resistance (XX)

Evaluation of Sensitivity of Respiratory Centre to Hypoxia and Hypercapnia (XXI)

Compiling Daily Diet (XXIV)

Evaluation of Nutritional State (XXV)

Recruitment in Skeletal Muscle (XXVI.1)

Summation in Skeletal Muscle (XXVI.2)

Examination of Reflexes in Man (XXVII)

Tendon of Achilles Reflex (XXVIII)

Erect Posture Examination – Stabilometry (XXIX.1)

Estimation of Visual Acuity. Astigmatism (XXXIII, XXXVII)

Accommodation, Scheiner's Experiment (XXXIV a+b)

Visual Field and Blind Spot (XXXV)

Estimation of Reaction Time using Computer (XLI)

Electrooculography (XLII)