

Eintho

RASHIDA IQBAL FINANCIAL AID ORGANIZATION



PHYSIOLOGY OSPE QUESTIONS FOR 1st YEAR:

OBSERVED:

Blood pressure
Westgren filling
Spirometry vital capacity

UNOBSERVED:

Calculation of total magnification
Identify the wave (JVP), what causes V-part of JVP ?
Read the temperature on the thermometer
Identify the tagged apparatus
Define dead space
Identify the apparatus (Sahli's comparator)
Identify the encircled structure (middle square of Neubar scale)
Blood CP is given, identify the anemia, what are its causes ?
Identify the tagged wave (T wave), in which condition it becomes prominent ?

OBSERVED:

ECG limb leads
Auscultate the heart sounds
Read the HCT from reader

UNOBSERVED:

Substage condenser identification and function
Antisera-A identify, composition ?
Neutrophil identification and write 2 features ?
PR-interval duration and in which condition its is increased ?
ESR changes in age, altitude, gender ?
Identification of type of exercise ?
Riva rockel cuff identify, normal RAP
From where we can measure blood pressure ?
Why both carotids are not compressed simultaneously
What is CI in which condition it is decreased?

OBSERVED:

Neubars dilution and charging
Radial pulse
Thermometer

UNOBSERVED:

Microscope, in which oil is used in oil immersion lens
Identification of Hematocrit reader
Identification of Geimsa stain and in which condition it is used?
What is Anemia, polycythemia ?
Identify a wave of JVP, its causes ?
Identify the blood group
Sites of measurement of temperature
what is normal body temperature
Sites of RBC production in fetal life
Father is dd, mother is DD, what are the chances of baby being RH+
Treatment of Erythroblastosis fetalis
Define residual volume and what is its significance ?

OBSERVED:

Tidal volume via spirometry
BP measurement by auscultatory and palpatory method
Make a slide for DLC

UNOBSERVED:

Identify Dicrotic notch, its causes
Identify QRS complex, its causes
Identify tagged portion of microscope
Identify tagged portion of stethoscope
Identify RBC pipette, its identification point
Rectal temperature indications, heat exhaustion
Splitting of S2 cause
Vitamin K dependent clotting factors
Hemophilia
How small central portion of Neubauer's chamber is further divided into medium-sized and smallest portions
Effect of increase in ESR on blood volume and hemoglobin

OBSERVED:

Radial pulse, rate
Dilution with Turk's fluid, what is the dilution factor ?
Spirometer, vital capacity ?

UNOBSERVED:

Identification of lymphocyte, when its count is increased
Ocular lens identification, how do we calculate magnification
Define tachycardia and bradycardia
Mch formula and when is it decreased
RR-interval identification and when is it shortened
WBC pipette identification and 2 points of identification
Name 2 methods of body temperature measurement
What happens to body temperature in thrombocytopenia

OBSERVED:

Westergren's tube
Blood pressure
Record temperature

UNOBSERVED:

Identify labeled part (40X)

For what it is used ?
Normal life span of platelets
Number of types of granules
Percentage of basophils in WBC
In which condition Basophilia occurs ?
Normal heart rate ?
Identify the cell(monocyte)
Identify the apparatus (centrifuge)

OBSERVED:

Radial pulse
Dilution of WBC pipette
Measure the Inspiratory reserve volume using spirometer

UNOBSERVED:

Oil immersion lens is used in which practical
Normal RBC count ?
Identify the type of anemia
Normal hemoglobin value in male and female
Identify the tube (westergren)< what are its uses
Identify the blood group
Which antibodies are present in AB blood group
Identify Giemsa stain and what are its uses
Identify RR interval ,its value,in which conditions its is increased and decreased ?
Identify the cell (basophil)
Which clotting factor is deficient in Hemophilia
Name 2 conditions in which Body temperature is increased
Why RBC count increases at high altitude ?

OBSERVED:

Microhematocrit reader
ECG leads
Auscultation

UNOBSERVED:

Antisera-A identify and composition ?
Condensor function
Rivarockel cuff
Identify neutrophils and 2 points
ESR effect on age,gender,altitude
PR-interval identification and significance
Colour index

Regards

SIDRA YOUSAF (third year)

Deputy secretary of publications

RIFAO