



قائمة الاسئلة

الفيزيا الحيوية المستوى الاول - طب أسنان

د. كفاء المعلم

- 1) Liquids that have low viscosity, such as honey
 - 1) - true.
 - 2) false.
- 2) force Static objects are stationary (static) they are in a state of equilibrium
 - 1) true.
 - 2) - false.
- 3) Second class levers like standing on the toes
 - 1) true.
 - 2) - false.
- 4) In a liquid, particales are strongly attracted to each other
 - 1) - true.
 - 2) false.
- 5) Water freezes point in Fahrenheit scale is 0° C
 - 1) - true.
 - 2) false.
- 6) The harms of low blood viscosity is bleeding
 - 1) true.
 - 2) - false.
- 7) Medical effects of gravitational force is varicose veins
 - 1) true.
 - 2) - false.
- 8) Internal factors that affect blood pressure is age and gender
 - 1) - true.
 - 2) false.
- 9) Pressure inside the skull called silent killer
 - 1) - true.
 - 2) false.
- 10) The kinetic energy in solid is low
 - 1) true.
 - 2) - false.
- 11) The pressure in the knee joint may be less than 10 atm
 - 1) - true.
 - 2) false.
 - 3) -
- 12) The pressure inside the bladder is measured in units mmHg
 - 1) - true.
 - 2) false.
- 13) X-Rays is useful in diagnosis and radiotherapy
 - 1) true.
 - 2) - false.
- 14) The cryosurgery methods are used to destroy cells
 - 1) true.
 - 2) - false.
 - 3) -
- 15) In the conventional method the red cells hemolyze after 25 day





- 1) - true.
2) false.
3) -
- 16) The most common way to used to know the temperature of the body is thermistor
1) - true.
2) false.
- 17) If the temperature of subject increase the kinetic energy increase
1) true.
2) - false.
- 18) Weak nuclear force used as glue to hold the nucleus against the repulsive forces
1) - true.
2) false.
3) -
- 19) The gravitational force is more complicated than electrical force
1) - true.
2) false.
3) -
- 20) Thermograph uses to study the blood in the diabetics leg
1) true.
2) - false.
3) -
- 21) sever this mean
1) - tunnel vision
2) - Inflammation
3) - Strains
4) blindness
- 22) Pressure in the digestive tract occurs due to
1) flying
2) - Run
3) - Sleep
4) - None
- 23) That cause the blood to circulate and the lungs to take in air.
1) - Electrical force
2) - Dynamic force
3) - Gravitational force
4) The muscular forces
- 24) The electric force is greater than the gravitational force by
1) times³⁹10
2) - times³⁷10
3) - times³⁸10
4) - times³⁶10
- 25) The sum of the forces and torques in any direction or about any axis is
1) - 1
2) zero
3) - 180
4) - 90
- 26) The class levers are least common in the body like
1) - standing on the toes
2) The head





- 3) - The arm in the elbow joint
4) - The knee
- 27) A(60kg) person walking at (1m/sec) bumps into a wall and stops in a distance of (2.5cm) in a bout (0.05) the force developed on impact is
- 1) - 1300N
2) - 1400N
3) - 1500 N
4) + 1200 N
- 28) A blood test that detects and monitors inflammation in the body
- 1) + ESR
2) - ICP
3) - MNR
4) - RBC
- 29) When the red blood cells change shape or break the radius decrease so the sed rate is
- 1) - Increases
2) - Remains constant
3) + Decreases
4) - Not affected
- 30) The temperature of the human body is normally about 98.6 F° the temperature of the body in C°
- 1) + 37 C°
2) - 34 C°
3) - 38 C°
4) - 40 C°
- 31) Because it is very sensitive and very fast for measuring temperature change so used to monitor the breathing rate of the patient
- 1) - Thermograph
2) - Thermocouple
3) - Thermogram
4) + Thermistor
- 32) what is the power radiated per square centimeter from skin at a temperature of 306 k° where $\sigma = 5.7 \times 10^{-12} \text{w/cm}^2 \cdot \text{k}^4$
- 1) + 0.05W/cm
2) - 0.005W/cm
3) - 0.04W/cm
4) - 0.03 W/cm
- 33) Hematocrit this mean
- 1) + Red Blood Cells Concentration
2) - White Blood Cells Concentration
3) - Brain cells Concentration
4) - Protein concentration
- 34) The brain contains cerebrospinal fluid (CSF) in the amount of
- 1) - 150 Cm2
2) - 160 Cm3
3) + 150 Cm3
4) - 140 Cm3
- 35) it occurs at very high temperatures
- 1) - Liquid state
2) + Plasma state
3) - Gas state





- 4) - Solid state
- 36) All of this factors affecting density except
- 1) - Mass
 - 2) - Volume
 - 3) - Pressure
 - 4) Force
- 37) IS a direct measure of the ability of blood to flow through arteries and veins
- 1) Viscosity of blood
 - 2) - Density of blood
 - 3) - Humidity of blood
 - 4) - Volume of blood
- 38) It is typically measured in units poise
- 1) - Kinematic Viscosity
 - 2) Dynamic viscosity
 - 3) - Constant viscosity
 - 4) - Viscosity is non-linear
- 39) Blockage of one of the ventricular channels of the brain causes
- 1) - Blood Pressure
 - 2) - Eye Pressure
 - 3) Water head
 - 4) - Glaucoma
- 40) A person measured the eye pressure and the reading was 15 mmHg. Did this person
- 1) Normal
 - 2) - Sever
 - 3) - Glaucoma
 - 4) - Tunnel Vision
- 41) It is useful for internal heating and has been conductive heat
- 1) - IR Heat
 - 2) - Conductive method
 - 3) - Capacitor plates
 - 4) Diathermy
- 42) The waves IR penetrate the skin about
- 1) - 4mm
 - 2) - 5cmm
 - 3) 3mm
 - 4) - 3cm
- 43) To conventional method blood storage at temperature of
- 1) - 3 ° C
 - 2) ° C4
 - 3) - 5 ° C
 - 4) - 0 ° C
- 44) The blood is preserved at temperatures of (-196) degrees .Celsius using a liquid
- 1) - Liquid helium
 - 2) Liquid nitrogen
 - 3) - Liquid oxygen
 - 4) - Solid CO₂
- 45) All of these methods involve placing the film or sensor inside the mouth except
- 1) - Bitewing X-rays
 - 2) - Occlusal X-rays





- 3) Con beam CT scan
4) Periapical X-rays
- 46) Shows all of the structures in mouth on a single image
1) Bitewing X-rays
2) Cephalometric X-rays
3) Periapical X-rays
4) Panoramic X-rays
- 47) Dental x-rays are more dangerous when
1) Men
2) Women
3) Children
4) Old
- 48) What the energy of photon if the length of wave is 300 nm and $h= 6.62 \times 10^{-34}$ j.s and $C = 3 \times 10^8$ m/s
1) 6.62×10^{-19} j
2) 6.72×10^{19} j
3) 66.2×10^{-13}
4) 76.7×10^{-19} j
- 49) The blood is frozen in the form of small drops. This method is called
1) Conventional method
2) The blood sand method
3) Blood method
4) None
- 50) The conductive method used for treatment
1) Contusions
2) Neuralgia
3) Bursitis
4) Fractures

