



قائمة الاسئلة

امتحان نهاية الفصل الدراسي الأول - للعام الجامعي 1446 هـ - كلية العلوم :: فسيولوجي (2) - (414103) - المستوى الرابع - قسم علم الاحياء  
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- 1) ECG is used to detect many heart problems such as.....
  - 1) - Hypotension
  - 2) - Hypertension
  - 3) + Heart attack and Hemorrhage
  - 4) - all answers false
- 2) .....is a complex protein made up of four protein strands plus iron-rich heme groups.
  - 1) + Hemoglobin
  - 2) - Erythropoietin
  - 3) - Fibrenogen
  - 4) - Thrombin
- 3) The machin used to show how fast the heart is beating is called
  - 1) - Sphigmonanometer
  - 2) - Electrocardiography
  - 3) + Electrocardiograph
  - 4) - Electrocardiogram
- 4) Muscles are excitable as they have the ability to stimulate other cells.
  - 1) - Correct answer (√)
  - 2) + Wrong answer (X)
- 5) The ..... is located between the left atrium and the left ventricle
  - 1) - tricaspid valve
  - 2) + bicaspid valve
  - 3) - pulmonary valve
  - 4) - ortic valve
- 6) Fast irregular heart beat is known as .....
  - 1) - bradycardia
  - 2) + tachycardia
  - 3) - Arrhythmia
  - 4) - Angina pectoris
- 7) The atrial repolarization wave is called .....
  - 1) - P-wave
  - 2) + T-wave
  - 3) - QRS-complex
  - 4) - U-wave
- 8) The first responder to microbial infection of leukocytes is the .....
  - 1) + neutrophil
  - 2) - basophil
  - 3) - acidophil
  - 4) - lymphocytes
- 9) The hormone secreted by the kidney in response to hypoxia is called .....
  - 1) - Fibrinogen
  - 2) - Thrombin
  - 3) + erythropoietin
  - 4) - erythropoiesis
- 10) Blood group type O has .....antigen in its surface and ..... antibodies in the plasma
  - 1) + no / a & b
  - 2) - A / b



- 3) - B / a  
4) - A & B / no
- 11) The process that occurs when an antigen is reacted with its corresponding antibody is called
- 1) - Agglutinogen
  - 2) - Agglutinin
  - 3)  Agglutination
  - 4) - all answers false
- 12) The heart muscles is supplied with parasympathetic nerves specially to
- 1) - SA-node
  - 2) - AV-node
  - 3)  AV & SA nodes
  - 4) - all parts of the heart
- 13) When blood vessels constrict this lead to an increase in SVR
- 1)  Correct answer (✓)
  - 2) - Wrong answer (X)
- 14) All the following increased blood pressure except
- 1) - Age
  - 2) - obesity
  - 3) - illness
  - 4)  bleeding
- 15) The process of recording the electrical activity of the heart muscles is called
- 1)  Electrocardiography
  - 2) - Electrocardiogram
  - 3) - Electrocardiograph
- 16) O is a type of blood group which considered as universal donor
- 1)  Correct answer (✓)
  - 2) - Wrong answer (X)
- 17) All the following are muscle properties except
- 1) - Excitability
  - 2)  immovable
  - 3) - contractility
  - 4) - Extensibility
- 18) Is the functional contractile region of the myocytes
- 1) - Actin
  - 2)  Sarcomere
  - 3) - Myosin
  - 4) - A band
- 19) It provides phosphates for ADP molecules to produce ATP molecules in the muscles
- 1) - Free ATP
  - 2)  Phosphatecreatine
  - 3) - Glycolysis
  - 4) - Cellular respiration
- 20) Synaptic fatigue occurs due to energy depletion
- 1) - Correct answer (✓)
  - 2)  Wrong answer (X)
- 21) The formation of ovum is called
- 1) - spermatogenesis
  - 2)  oogenesis
  - 3) - glycolysis





- 4) - fertilization
- 22) Spongy bone is a highly vascularised and contain red bone marrow
- 1)  Correct answer (√)
  - 2)  Wrong answer (X)
- 23) Oogenesis means the formation of ..... in the ovary
- 1)  the corpus luteum
  - 2)  the ovum
  - 3)  the follicles
  - 4)  the zygote
- 24) When two different ovum are fertilized with two sperms, two embryos are formed and called
- 1)  identical twins
  - 2)  non-identical twins
  - 3)  siamese
- 25) Fibrous joints are
- 1)  Freely movable
  - 2)  immovable
  - 3)  partially movable
- 26) It is a large coiled tube about 6 m long leads into the vas deferens and there sperm finish maturation and storage
- 1)  Testis
  - 2)  Epididymis
  - 3)  Urethra
  - 4)  Scortum
- 27) About 10% of the semen volume is the fluid secreted by Cowper's glands
- 1)  Correct answer (√)
  - 2)  Wrong answer (X)
- 28) Inhibin is a hormone secreted by the interstitial cells in male and it inhibits the synthesis and release of FSH from the anterior pituitary gland
- 1)  Correct answer (√)
  - 2)  Wrong answer (X)
- 29) The maximun life span of sperms is
- 1)  only one week at body temperature
  - 2)  only 24-48 hours at body tempertaure
  - 3)  several weeks in the female genital tract
  - 4)  several months at body tempertaure
- 30) Spermatogenesis is the formation of
- 1)  sperms
  - 2)  ovum
  - 3)  corpus luteum
  - 4)  follicles
- 31) Estrogen secreted by the ovary to prepare endometrium for pregnancy
- 1)  Correct answer (√)
  - 2)  Wrong answer (X)
- 32) Prostate secretion
- 1)  neutralized the acidic fluid created by sperms metabolism
  - 2)  neutralized the acidic urine in urethra
  - 3)  neutralized the alkalic vaginal secretion
  - 4)  all answers false
- 33) Troponin is the active site where myosin heads form a cross bridge with actin myofilaments





- 1)  + Correct answer (√)  
2)  - Wrong answer (X)
- 34) All mentioned are included in ovarian cycle except
- 1)  - Follicular phase  
2)  - ovulation  
3)  - luteal phase  
4)  + menses
- 35) Hormone developing and increasing body musculature
- 1)  - Estrogen  
2)  - progesteron  
3)  - GH  
4)  + Testosterone
- 36) Average normal sperm counts in males is
- 1)  + 120 million/ ml  
2)  - 20 million/ ml  
3)  - 10 million/ ml  
4)  - all answers false
- 37) The presence of large number of abnormal sperms in a sample is called
- 1)  + Teratospermia  
2)  - semen  
3)  - spermatozoa  
4)  - normal sperms
- 38) Menopause is
- 1)  - the end of ovulation phase  
2)  + the end of menstruation  
3)  - the starting of menstrual cycle  
4)  - sloughing off the uterine lining
- 39) Cleavage begins about 30h after fertilization
- 1)  + Correct answer (√)  
2)  - Wrong answer (X)
- 40) Articulation is the function of
- 1)  - skeletal bones  
2)  + skeletal joints  
3)  - skeletal muscles  
4)  - irregular bones

