

Multiple Choice Questions in Human Physiology
Excretion, Endocrines, Nervous system, Reproduction, Sense organs

Excretion

Usermedia.blogspot.com

- 1, _____ is an adaptation for a semi-terrestrial habitat.
a) Ureotelism b) Parasitism c) Symbiosis d) Cretinism
- 2, Glomerular ultra filtration is the process taken place at _____.
a) Henle's loop b) descending tubule c) ureter d) Malphigian Capsule.
- 3, The volume of the glomerular filtrate produced each minute is called _____.
a) Basal Metabolic Rate b) Glomerular filtration rate (GFR)
b) Dialysis d) Systole- diastole
- 4, In Man glomerular filtration rate (GFR) is about _____.
a) 125ml/min. b) 200 ml/ min c) 250 ml/ min d) 1ltr / min
- 5, In 24 hours the total volume of glomerular filtrate is _____.
a) 1 - 2 liters b) 5 -10 liters c) 10 -50 liters d) 170 to 180 liters.
- 6, Substances such as glucose, sodium and calcium, are called as ____ .
a) High threshold substance. b) Low threshold substance
c) Buffer substance d) catalyst
- 7, Substances like urea and uric acid etc which are called as _____.
a) High threshold substance. b) Low threshold substance
c) Buffer substance d) catalyst
- 8, Kidney stone consists mainly of _____ and /or _____.
a) calcium oxalate, calcium phosphate. b) Cholesterol / Alcohol
c) sodium chloride, Pottasium chloride d) Sulphates, Nitrates
- 9, The kidney stones in the bladder and lower ureter can be crushed and removed by _____.
a) dialysis b) cystoscopy or by ureterorenoscopy
c) Angioplasty d) radiotherapy
10. Name the condition whenever the excessive thirst leading to increased consumption of water.
a) Polydipsia b) polyphagia c) polyurea d) polycythemia
11. _____ is the main cause for kidney stones.
a) alcoholism b) hernia c) hypertesnsion d) Chronic dehydration.

Multiple Choice Questions in Human Physiology
Excretion, Endocrines, Nervous system, Reproduction, Sense organs

Nervous Coordination.

Usermedia.blogspot.com

- 1, Sodium - Pottasium exchange pump discharge _____ , _____ ions to outside and inside of the nerve cells.
a) K⁺ , Na⁺ ions b) Ca⁺ ions c) OH⁺ ions d) K⁺ , Cl⁺ ions
- 2, The resting potential of an excitable nerve cell is about ____
a) 70 mV b) 80 mv c) 5-10 mV d) 10-20 mV
- 3, During recovery period, the cell membrane is _____.
a) Polarised b) Repolarised c) depolarized d) immunized
- 4, The synaptic cleft measures about ____
a) 0.5-1.0 mm b) 10-20 mm c) 5-10 nm d) 10-20 nm
- 5, The transmitter substance at the synapse is ____
a) Adrenaline b) Dendrite c) Neuron d) Acetylchlonie
- 6, At the site of fracture the tissue formed named as ____
a) callus b) granules c) inflammation d) Muscles
- 7, Olfactory reflexes and responses to odour are related to ____
a) Mammillary bodies b) Pituitary c) Thyroid d) optical
- 8, _____ responds to the sleep - wake cycle
a) Hypothalamus b) Brain stem c) cerebellum d) eyes
- 9, The average weight of Human adult male cerebrum is ____
a) 800-1000g b) 1000 g c) 2000 g d) 1400 g
- 10, The Cerebro spinal fluid secretes at the rate of ____
a) 150 ml/day b) 100-200 ml/day c) 200 ml/day d) 550 ml/day
- 11, In human brain, Sleep and respiratory centers are present in _____.
a) Cerebellum b) Medulla c) Infundibulum d) Pons
- 12, The inability to recall memories of past is called ____
a) Amnesia b) Coma c) Aneursym d) Cholesterol
- 13, The device used to record the electrical activity of brain is ____
a) ECG b) EEG c) MRI d) X ray
- 14, The resting potential can be directly measured by the use of ____
a) pH meter b) Oscilloscope c) stethoscope d) MRI scan

Multiple Choice Questions in Human Physiology
Excretion, Endocrines, Nervous system, Reproduction, Sense organs

- 15, Chronic Brain syndrome is otherwise called ____
 a) Meningitis b) Alzheimers's disease c) Stroke d) down syndrome
- 16, _____ is having the respiratory centre that control breathing.
 a) Medulla oblongata b) cerebrum c) Pons d) Spinal cord
17. Left and Right cerebri hemispheres exchange information through –
 a) Carpus callosum b) hypothalamus c) Pons d) Colliculi

~~~~~

### Chemical Coordination

- 1, The premature arrest of skeletal development causes \_\_  
 a) Gigantism      b) Dwarfism      c) Tetany      d) Acromegaly
- 2, The excessive growth hormone in adult causes \_\_  
 a) Acromegaly      b) cretinism      c) Myxedema      d) Goitre
- 3, The molecular weight of thyroid hormone is \_\_\_\_ Daltons.  
 a) 500      b) 280000      c) 28000      d) 36000
- 4, Thyrotoxicosis results in \_\_\_\_.  
 a) Grave's disease      b) Myxedema      c) Cretinism      d) diabetes
- 5, Molecular weight of Human Insulin is about \_\_\_\_ daltons  
 a) 51      b) 5734      c) 2374      d) 28000
- 6, Insulin contains \_\_\_\_ amonoacids.  
 a) 21      b)31      c) 41      d) 51
- 7, Luteotropic hormone is known as \_\_\_\_.  
 a) Insulin      b) Glucagon      c) Iodine      d) Prolactin
- 8, The Osmoregulation is controlled by the hormone:  
 a) ADH      b) FSH      c) Oxytocin      d) Thyroxine
- 9, The mineralo-corticoid hormone is \_\_\_\_  
 a) Cortisone      b) Aldosterone      c) Adrenalin      d) Vasopressin
- 10, The amino acid present in the thyroxine is ---.  
 a) Tyrosine      b) Glycine      c) Valine      d) Proline
- 11, Low level of insulin accumulates the \_\_\_\_ bodies.  
 a) Melanin      b) Ketone      c) fat      d) ADH

**Multiple Choice Questions in Human Physiology**  
**Excretion, Endocrines, Nervous system, Reproduction, Sense organs**

- 12, The Major Gluco-corticoid hormone is  
a] Cortisone                      b] Aldosterone                      c] Adrenalin                      d] Relaxin

---

**Reproduction.**

- 1, In Male, the secondary sexual characters are produced by \_\_\_\_  
a] Oestrogen    b] FSH    c] Androgen    d] Leydig's cells
- 2, For the effective production of spermatozoa, the testes should be maintained at the temperature of \_\_\_\_\_. A) 32°C    b) 42°C    c) 34°C    d) 98.4°C
- 3, The sperms are stored in \_\_\_\_\_.  
a] Testis            b] Vas deferens            c] Epididymis            d] Seminal vesicles
- 4, The inhibin hormone that inhibits the action of testosterone is secreted by \_\_\_\_ .  
a] Sertoli cells            b] Leydig's cells            c] Pituitary            d] Intestine
- 5, The principal hormone of corpus luteum is \_\_\_\_\_.  
a] Oestrogen            b] progesterone            c] Oxytocin            d] relaxin
- 6, Each developing ovum is enveloped by a mass of -  
a] Endometrium            b] Sperms            c] Graffian follicles            d] blood
- 7, After the ovulation, the graffian follicles converted as  
a] Corpus luteum            b] Embryo            c] Endometrium            d] Prostate gland
- 8, Ovum enter into the fallopian tubes through -  
a] Vagina            b] Fallopian funnel            c] Uterus            d] Gut
- 9, The mucus membrane of the uterus is termed as  
a] Endometrium            b] Zona pellucida            c] Corpus luteum            d] Cervix
- 10, Human Ovum is described as \_\_\_\_\_.  
A) alecithal            b) Mesolecithal            c) Megalecithal            d) Telolecithal
- 11, \_\_\_\_ Plays an important role at the time of pregnancy.  
A) Corpus luteum            b) Corpus callosum            c) Pituitary            d) Adrenal
- 12, In how many days does the menstrual cycle occur in woman?  
a] 14 days            b] 28 days            30] days            d] 36 days

**Multiple Choice Questions in Human Physiology**

**Excretion, Endocrines, Nervous system, Reproduction, Sense organs**

- 13, When corpus luteum ceases to function, it is replaced by a scar tissue \_\_\_\_\_.  
a) endometrium      b) corpus albicans      c) epididymis      d) liver
- 14, Copper-T can remain in the uterus for a period of \_\_\_\_\_.  
a) 3 years      b) 10 years      c) 14 years      d) 10 months
- 15, The permanent birth control method for male is \_\_\_\_\_.  
a) tubectomy      b) cervical cap      c) Condom      d) Vasectomy
- 16, In test tube babies, the embryo is put inside the uterine endometrium at the \_\_\_\_\_.  
a) 2-cell stage      b) 4-cell stage      c) 6-cell stage      d) 8-cell stage
- 17, In GIFT method, the fertilized ova are introduced into the \_\_\_\_\_.  
a) Fallopian tube      b) Vagina      c) Cervix of Uterus      d) Endometrium
- 18, If an ovum is not fertilized in the fallopian tube, it dies in \_\_\_\_\_ hours.  
a) 12-24      b) 1-2      c) 48-72      d) 1000
- 19, Progesterone is a \_\_\_\_\_ hormone.  
a) Steroid      b) non-steroid      c) Growth      d) digestive
- 20, Contraceptive pills stop the mechanism of \_\_\_\_\_.  
a) Growth      b) labor      c) Ovulation      d) Growth

**Sense organs:**

- 1] Accommodation distance for clear vision of objects to an human eye \_\_\_\_\_.  
a) 25 cms. to Infinity      b) 10 cms      c) 10 -100 mtrs      d) 10mm - 100 mtrs.
- 2] Ideal refractive state of an eye is called \_\_\_\_\_.  
a) Myopia      b) Emmetropia      c) Ametropia      d) Hypermetropia
- 3] A deviation in Emmetropia is called as \_\_\_\_\_.  
a) Myopia      b) Emmetropia      c) Ametropia      d) Hypermetropia
- 4] Short sightedness is referred as \_\_\_\_\_.      Myopia  
a) Myopia      b) Emmetropia      c) Ametropia      d) Hypermetropia
- 5] \_\_\_\_\_ results due to elongation of the eye ball and increase of lens curvature.  
a) Myopia      b) Emmetropia      c) Ametropia      d) Hypermetropia
- 6] Myopia can be corrected by placing \_\_\_\_\_ in front of the eye.  
a) Concave lens      b) Convex lens      c) Aspherical lens      d) mirror

**Multiple Choice Questions in Human Physiology**  
**Excretion, Endocrines, Nervous system, Reproduction, Sense organs**

[Usermedia.blogspot.com](http://Usermedia.blogspot.com)

- 7] \_\_\_ results when the curvature of the eye lens is not great enough.  
a] Myopia                      b] Emmetropia                      c] Ametropia                      d] Hypermetropia.
- 8] Hypermetropia (Long sightedness) can be corrected by placing \_\_\_ in front of eye lens.  
a] Concave lens                      b] Convex lens                      c] Aspherical lens                      d] distorted lens
- 9] Distorted lens or cornea leads to the defect known as \_\_\_\_\_.  
a] Astigmatism                      b] Emmetropia                      c] Ametropia                      d] Hypermetropia
- 10] Astigmatism can be corrected by placing \_\_\_ in front of the eye.  
a] Lens with varying curvature from one part to another                      b] Emmetropia  
c] Lens with varying focal length                      d] Lens with sensors
- 11] Both myopia and hypermetropia features are observed in the eye defect is \_\_\_\_\_.  
a] Astigmatism                      b] Emmetropia                      c] Ametropia                      d] Hypermetropia
- 12] Presbiopia begins at about \_\_\_ years of age.  
a] 10                      b] 20                      c] 40                      d] 60
- 13] \_\_\_ can give the remedy for defects in reading.  
a] Concave lens                      b] Convex lens                      c] Aspherical lens                      d] distorted lens
- 14] Practice of assessing vision and correction of defects using lens is known as \_\_\_\_\_.  
a] Optometry                      b] physiotherapy                      c] optics                      d] optoelectronics
- 15] Retinopathy usually results due to \_\_\_\_, \_\_\_\_\_.  
a] Diabetes mellitus, persistent hypertension                      b] Atherosclerosis  
c] Astigmatism                      d] Kidney failure
- 16] Diabetic retinopathy can develop the \_\_\_ tissues in the vitreous humour.                      fibrous  
a] fibrous                      b] bony                      c] calcareous                      d] muscular
- 17] Retinal detachment may occur due to \_\_\_\_\_.  
a] Dermatitis                      b] Hypertensive retinopathy                      c] arthritis                      d] fatigue
- 18] Opacity in the lens of the eye is known as \_\_\_\_\_.  
a] color blind                      b] Cataract                      c] total blindness                      d] fatigue
- 19] Retinopathy can be treated with. \_\_\_\_\_.  
a] Optometry                      b] physiotherapy                      c] Laser surgery                      d] acupuncture
- 20] Night blindness is referred as \_\_\_\_\_.  
a] Astigmatism                      b] Nyctalopia                      c] Ametropia                      d] Hypermetropia

