

UGANDA COLLEGE OF HEALTH SCIENCES – BWINDI

APPLIED ANATOMY II REVISION TEST

This test contains 3 sections.

Section A contains 15 multiple choice questions and 5 True(T) or False(F) questions.

Section B contains 5 short answer questions.

Section C contains 3 long answer questions.

You are required to attempt all questions.

Submit your answers in soft copy (word or pdf document) to lukedero@gmail.com not later than Monday 6th July 2020

SECTION A (20 MARKS) Part 1: Choose the best alternative

1. Which of the following is not a special sense organ?
 - a. Eye
 - b. Ear
 - c. Skin
 - d. Tongue
2. The pouch of Douglas refers to?
 - a. The uterus
 - b. The Ovary and ova
 - c. The vesico-uterine pouch
 - d. The retro-uterine pouch
3. The following are some of the secondary male sexual characteristics except;
 - a. Increased BMR
 - b. Deepening of the voice
 - c. Reduced appetite
 - d. Darkening of the skin
4. Which of the following correctly indicates the permanent human dentition?
 - a. 2I 1C 2P 3M
 - b. 2I 2C 2P 3M
 - c. 4I 1C 4P 3M
 - d. 8I 4C 8P 12M
5. Which of the following structures is responsible for the sense of balance?
 - a. Utricle
 - b. Saccule
 - c. Semi-Circular Canal
 - d. Organ of Corti
6. Succus entericus is the name given to;
 - a. The small intestine
 - b. Gastric juice
 - c. Intestinal juice
 - d. Saliva

7. Which of the following nerves allows human beings to distinguish between sweet, salty and sour foods or drinks?
 - a. Cranial nerve II
 - b. Cranial nerve VII, IX and X
 - c. Cranial nerve I
 - d. Cranial nerve VIII
8. The human menstrual cycle is a hormone driven process. Which of the following hormonal changes is responsible for menstruation?
 - a. Production of human Chorionic Gonadotrophin
 - b. Increase in progesterone levels
 - c. Increase in estrogen and luteinizing Hormone levels
 - d. Reduction of estrogen and progesterone levels
9. Which of the following terms refers to the congenital narrowing of the prepuce opening.
 - a. Urethral stricture
 - b. Posthitis
 - c. Paraphimosis
 - d. Phimosis
10. A cataract is;
 - a. An eye disease caused by *Chlamydia trachomatis*
 - b. Inflammation of the uvea of the eye
 - c. An opacity formed in the lens of the eye
 - d. A disorder of the eye caused by increased intra ocular pressure
11. Which of the following is not an accessory organ of the digestive system?
 - a. Gall bladder
 - b. Pancreas
 - c. Kidney
 - d. Liver
12. Which of the following nerve controls is responsible for the mixing up of food in the duodenum?
 - a. The sympathetic nervous system
 - b. The parasympathetic nervous system
 - c. The enteric nervous system
 - d. Meissner plexus
13. Taste bud is to taste as _____ is to hearing.
 - a. Organ of Corti
 - b. Ear drum
 - c. Membranous labyrinth
 - d. Ear
14. Which of the following names is given to the white part of the eye?
 - a. Iris
 - b. Sclera
 - c. Cornea
 - d. Bulbar Conjunctiva
15. Mechanisms through which the body responds by reverse of change from normal refer to?
 - a. Positive feedback
 - b. Metabolism
 - c. Negative feedback
 - d. Homeostasis

Part 2: Write True(T) for statements which appear correct and false(F) for statements which appear incorrect

16. _____ The penile shaft in men is made up of two bands of erectile tissue called Corpus spongiosum and Corpus Luteum.
17. _____ Perception is the awareness of a sensory input in the central nervous system
18. _____ Vitamins are absorbed without chemical digestion
19. _____ Hyposmia is the complete loss of the ability to smell
20. _____ Presbyopia is the refractory disorder which refers to long-sightedness

SECTION B Short Answer questions (20Marks)

21. Describe the sensory pathway (4marks)
22. a) Give 2 haemopoietic functions of the digestive system. (2marks)
b) List 2 functions of the large intestine in digestion. (2marks)
23. Describe the difference between endocrine and exocrine glands(4marks)
24. a) What is the role of the Bowman's gland in the sense of smell?
b) List 4 disorders affecting the sense of hearing.
25. a) Define a gamete
b) Describe the role of Luteinizing Hormone in male beings.

SECTION C (60Marks)

26. a) Describe the factors and mechanisms which lead to gastric emptying. (5marks)
b) describe the digestion of the following food nutrients (5marks each)
 - i. Carbohydrates
 - ii. Protein
 - iii. Lipid
27. a) Briefly describe the production and flow of lacrimal fluid. (10 Marks)
b) Describe the physiology of hearing. (10marks)
28. a) Define the term reproduction. (2marks)
b) List the steps involved in formation of spermatozoa. (5marks)
c) Describe the follicular phase of the menstrual cycle. (8marks)
d) How is the female body naturally suited for the development of the fetus and the process of delivery. (5marks)

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