Diploma of Physical Medicine

Tanta University Faculty of Medicine Human Anatomy & Embryology Dep. Date:26/8/2021 Number of Questions:5

Time Allowed: 3 Hours Total: 60 Marks



PHYSICAL MEDICINE

All questions to be answered

- ENUMERATE the movements occur in the wrist joint and mention the muscles responsible for each movement and there nerve supply. (12 marks)
- 2- COMPARE between the shoulder and hip joints as regard the type, movements and stability factors with explanation. (12 marks)
- **3- DESCRIB** the joints connecting the **sacrum**. (12 marks)
- **4- DESCRIB** the site, components and importance of circle of Willis. (**12 marks**)
- **5- Discuss** course and branches of the facial nerve. (12 marks)

END OF THE EXAM

Oral & Practical Examination:

On Tuesday 31 at 10 o'clock in the Anatomy Department (Second floor) WITH Our BEST WISHES

Committee of Examination: Prof. Dr. Amal Halawa, Prof Dr. Mona Attia, Prof. Dr. Manal Elsawaf, Prof. Dr. Doaa Haiba, Assis Prof. Dr. Emad Mishriki, Assis Prof. Dr. Remoon Aziz



^{*}Department of physiology Time allowed: Three hours Total marks: 45

Physiology Diploma of Physical Medicine Tanta University Faculty of Medicine Code: PRR Date: 26 /8/2021

All the questions must be answered:

- 1- Discuss : Supraspinal centers inhibiting muscle tone. (10 marks)
- 2- Mention : Causes and manifestations of upper motor neuron lesion. (10 marks)

3- Mention : Factors affecting basal metabolic rate. (10 marks)

All the following must be answered by only one choice (15 marks)

1- Which of the following is function of glucocorticoids:

- a. Decrease blood glucose level.
- b. Decrease plasma level of fatty acids.
- c. Increase number of RBCs.
- d. Decrease blood volume .

2- Which of the following is somatic reaction to pain:

- a. Increase heart rate. c. Flexion withdrawal reflex.
- b. hyperalgesia. d. Decrease arterial blood pressure.

3- Which of the following could induce hypoxic hypoxia:

- a. Alcohol poisoning. c. Alveo-capillary block.
- b. CO poisoning. d. Cyanide poisoning.
- 4- Which of the following contain nicotinic receptors :
 - a. Heart. b. Lung. c. Adrenal medulla. d. Salivary glands.
- 5- Stimulation of muscarinic receptors induce:
 - a. Increase heart rate. c. Coronary vasodilatation.
 - b. Increase gastric evacuation. d. Bronchodilatation.

6- Which of the following stimulate secretion of erythropoietin:

- a. Acidosis. c. Estrogen.
- b. Alkalosis. d. Increase arterial PO₂.
- 7- Which of the following could increase venous return:
 - a. Venodilatation. c. Positive intrapleural pressure.
 - b. Arteriolar dilatation. d. Vasoconstriction to arterioles.

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8- Which of the following induced by stimulation of alpha 1 adrenergic receptors :

a. Increase heart rate .

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- b. Bronchoconstriction.
- c. Vasoconstriction to blood vessels.
- d. Bronchodilatation.
- 9- Which of the following could stimulate aldosterone secretion:
 - a. Hypervolemia. c. Increase blood potassium level.
 - b. Hypoproteinemia. d. Decrease blood potassium level.
- 10- Which of the following is function of heparin :
 - a. Antiprothrombin.
 - b. Activate prothrombin.
 - c. Inhibit activity of platelets.
 - d. Inhibit activity of vitamin K.

11- Which of the following could increase capillary permeability:

- a. Acidity of blood.
- b. Alkalinity of blood.
- c. Increase plasma protein level.
- d. Increase blood calcium level.
- 12- Increase arterial blood pressure could induce which of the following.
 - a. Increase end diastolic volume.
- c. Increase secretion of aldosterone. d. Increase secretion of antidiuretic hormone.

b. Increase heart rate.

. Increase secretion of antidiuretic non

13- Which of the following could increase peripheral vascular resistance :

a. Anemia.

- c. Increase heart rate.
- b. Vasodilatation of arterioles.
- d. Increase blood viscosity.

14- Which of the following could induce metabolic acidosis:

- a. Restrictive lung disease.
- b. Hyperventilation.
- c. Hypoventilation.
- d. Renal failure.

15- Which of the following is CORRECT as regard blood PH:

- a. Inversely proportionate with arterial HCO₃.
- b. Directly proportionate with arterial PCO₂.
- c. Normally equal 7.1 for arterial blood.
- d. Directly proportionate with arterial HCO₃.

إمتحان الشيفهي يوم السبب 2021/8/28 في قسم الفسيولوجي التاسعة صباحا

Tanta UniversityExam. For Obstetrics & Gynecology Master & DiplomaAnatomy & Embryology Dep.Date: 17/8 /2021Number of Questions: 6Time Allowed: 3 HoursTotal: 30 Marks



Obstetrics & Gynecology Master & Diploma degree All questions to be answered

- 1. <u>Describe</u> the anatomy of the inguinal triangle and <u>mention</u> its clinical importance. (4.5 marks)
- 2. <u>Describe</u> relations of body of uterus. (4.5marks)
- 3. <u>Enumerate</u> pelvic nerve plexuses and <u>enumerate</u> branches of sacral plexus. (4.5 marks)
- 4. <u>Describe</u> anatomy of ischiorectal fossa and <u>mention</u> its clinical importance. (6.5 marks)
- 5. <u>Discuss</u> the development of umbilical cord and <u>mention</u> its anomalies. (4 marks)
- 6. <u>Discuss</u> the development of the Mullerian (paramesonephric) ducts and <u>list</u> its congenital anomalies. (6 marks)

END OF THE EXAM

Oral & Practical Examination:

On 31 /8/2021 at 10 o'clock in the Anatomy Department (Second floor) WITH BEST WISHES

Committee of the Exam: Prof. Dr. Amal Halawa, Prof Dr. Mona Attia, Prof Dr. Doaa Haiba, Assis. Prof Dr. Emad Mishriki, Assis. Prof Dr. Remon Aziz

Committee of exam: Prof. Dr. Amal Halawa Prof. Dr. Manal Elbermawy Assis. Prof Dr. Samia Abdelmeseih