

Date:20/2/2018
Examination For MSC Urology
Term: Final
Course Title: Physiology
Time Allowed: Three Hours

Tanta University
Faculty Of Medicine
Department Of Physiology
Course Code: UROL 8002
Total Assessment Marks: 30

All questions are to be answered:

- 1-Discuss physiology of male sex hormone and its disorders. (10marks)
2-Give short account on anemia and hemorrhagic disorders. (10 marks)

3 -Choose the most probable answer: (10 marks)

1-Prolonged coagulation time in obstructive jaundice is due to:

- a)Deficiency of bile pigments
- b)Decrease the formation of plasma protein
- c)Vitamin K deficiency
- d)Iron deficiency

3-Suprarenal cortical hormones are:

- a)Amino acids
- b)Polypeptides
- c)Steroids
- d)None of the above

14-The most important organ supplied only by sympathetic system is:

- a)Smooth muscles of the bronchi
- b)Gastric secretory cells
- c)A-V node
- d)Ventricles of the heart

7-Which of the following would suggest a diagnosis of thyrotoxicosis:

- a)Pulse rate of 65/minute
- b)An increased body weight
- c)A poor appetite
- d) A raised plasma T_3 & T_4 concentration

9-Infantile thyroid deficiency is characterized by all of the following Except:

- a)Retarded growth and delayed walking
- b)Protruded tongue and abdomen
- c)Moon face and buffalo hump
- d)A low basal metabolic rate and inability to tolerate cold weather

11-Pernicious anemia is due to:

- a)Intrinsic factor deficiency
- b)Folic acid deficiency
- c)Vitamin K deficiency
- d)Iron deficiency

2-Cortisone increases the blood glucose level by:

- a) Increasing the gluconeogenesis
- b)Exerts insulin like effect on the skeletal muscles
- c)Decrease glucose absorption from the intestine
- d)Produces osteoporosis

4-Hyperglycemia occurs in all the following

Except:

- a)Thyrotoxicosis
- b)Diabetes insipidus
- c)Acromegaly
- d)Cushing's Syndrome

6-Glucocorticoids is:

- a)Diabetogenic
- b)Catabolic effect on protein
- c)Antiallergic
- d)All of the above

8-calcitonin hormone:

- a)Lowers the basal metabolic rate
- b)Lowers the blood calcium level
- c)Is secreted from the parathyroid gland
- d)Is released when the blood phosphate level rises

10-Addison disease shows all of the following Except:

- a)Poor mobilization and utilization of fat
- b)Decrease resistance to stress and shock
- c)Tendency to hyperglycemia
- d)Dark pigmentation of the skin and mucous membrane

12- Cretinism is:

- a-Hyperthyroidism in adult.
- b-Hyperthyroidism in children.
- c-Hypothyroidism in infancy.
- d-Hypothyroidism in adult.

13-All correct about plasma proteins Except:

- a)All plasma protein are formed in the liver.
- b)Gamma globulin is formed in plasma cells.
- c)Prothrombin not needed in blood clotting.
- d)About 8% of plasma.

15-The following hormones elevate the arterial blood pressure Except:

- a)Vasopressin(ADH)
- b)Angiotensin II
- c)Aldosterone
- d)Histamine

17- Homeostasis is:

- a)Keeping the internal environment constant
- b)Stoppage of bleeding from small blood vessel
- c)keeping the external environment constant
- d)All of the above

19-All the following organs share in vitamin D formation Except:

- a)The lung
- b)The liver
- c)The kidney
- d)The skin

14- Osteoporosis of bone occurs in:

- a-Tetany
- b-Conn's disease
- c-Cushing's syndrome
- d-Vitamin D deficiency

16-The most important measure should be done before blood transfusion:

- a)ESR
- b)HB content
- c)RBCs count
- d)Cross matching test

18-Pain control mechanism release the following hormones Except:

- a)Beta endorphin
- b)Enkephalin
- c)Serotonin
- d)Bradykinin

20-Hemostasis include:

- a)Stoppage of bleeding of small blood vessel.
- b) Local vasoconstriction of blood vessel.
- c)Blood clotting.
- d)All of the above.

الامتحان الشفوي يوم الأربعاء ٢٠١٨/٢/٢٨ الساعة الثامنة والنصف صباحا بقسم الفسيولوجي

20/2/2018

Tanta University.
Faculty Of Medicine
Department Of Medical Biochemistry

Urology (MS)

First Part Exam.

Write On :

- 1- List the important chemical investigations in patients with chronic renal failure. For each test listed indicate the nature of the abnormality and explain the reason for its occurrence .
- 2- Types, precipitating factors and clinical investigations of renal stones.

Good Luck

Tanta university
Faculty of medicine
Department of Anatomy and Embryology



ANATOMY EXAM FOR MASTER DEGREE OF UROLOGY

Date: 18 /2/2018

Total marks: 30 Marks

Time allowed (three hours)

UROLOGY

All questions to be answered

Illustrate your answer with diagram whenever possible:

Question 1.

(10 marks)

A-fascia of Gerota

B-veins that drain the kidney & posterior relations of these veins

C-parts develop from renal vesicle

D-anterior relation of left ureter arranged from below to upwards

E-branches of internal iliac arteries that supply ureter

Question 2.

(10 marks)

A- Ectopic ureteric orifices in male .

B- Position of urinary bladder .

C- Internal iliac lymph nodes .

D- Uvula vesicae

E- Length and features of posterior wall of prostatic urethra .

Question 3.

(10 marks)

- A- Lobes of prostate
- B- Congenital anomalies of testis
- C- Boundaries of deep perineal pouch
- D- Branches of internal iliac artery in perineal pouches in male
- E- Lymphatic drainage of penis

END OF EXAM.

Oral Examination: Sunday 25th feb 2018 at 10 am.
in the Anatomy Department (Second floor)

Best Wishes
Chairman of Anatomy Department
Prof.dr. Magdy Said