



ENDOCRINE

Past papers

Done by Lijan 021



ENDOCRINE MED EXAM 021

*means we are not sure

1) Which of the following is not involved in increasing human prolactin :

- A. Estrogen.
- B. Sleep.
- C. Progesterone.
- D. Stress.
- E. Amylin .

Answer :C *

2)One of the following decreases insulin :

- A.Growth hormone.
- B.Glucagon .
- C.Cortisol.
- D.Exercise.
- E.Ach.

Answer :D

3)The anterior adenohypophysis and median eminence are supplied by :

- A. Superior hypophyseal artery.
- B. Middle hypophyseal artery.
- C. Inferior hypophyseal artery.

Answer :A

4)Description of para follicular cells:

- A. Larger and less stained than follicular.
- B. Smaller and more stained than follicular.
- C. Smaller and less stained than follicular.
- D. Larger and more stained than follicular.

Answer : B*

5) Wrong Description of chief cells :

- A. Produce PTH.
- B. less numerous than oxyphils.

Answer : B

6) Herring bodies are :

- a) Secretory granules that are secreted by adenohypophysis acidophils.
- B) granules released from median eminence.
- c) Neurosecretory granules that contain one hormone only.
- d) Colloid filled cysts in pars intermedia.
- e) Free floating granules that contain two hormones in posterior pituitary.

Answer : C

7) Optic chiasma is separated from pituitary gland by :

- A- Diaphragma sellae.
- B- Sella turcica.
- C- internal carotid artery.
- D- B&C.

Answer : A

8). Which of the following about Pars distalis is correct :

- A. contains all cell subpopulation.
- B. supplied directly by the superior hypophyseal artery.
- C. represents 20% of the total pituitary gland .
- D. contains colloid - filled cysts .
- E. None of the above.

Answer : B*

9) The correct statement about blood supply of the thyroid gland :

- A- 3 arteries and 4th occasional.

- B- 2 arteries and 3rd occasional.
- C- 4 arteries and 5th occasional.
- D- one artery and 2nd occasional.
- E- none of the above.

Answer : B

10) Inferior parathyroid glands originate from_____ and are found in_____:

- A. 4th pouch, thymus
- B. 4th pouch, thyroid
- C. 3rd pouch, thymus
- D. 4th pouch, tongue
- E. 3rd pouch, thyroid

Answer : C

11) The fetal cortex originates from_____ and becomes_____ in the mature adrenal cortex:

- A. Endoderm, zona reticularis.
- B. Mesoderm, zona reticularis.
- C. Endoderm, zona fasciculata.
- D. Endoderm, zona glomerulosa.

Answer : B

12) What is true about corpus arenaceum(CA):

- A) concentration of Ca^{++} and Mg^{++} salts.
- B) thyroid colloid filled cyst.
- C) calcification increasing with aging.
- D) not all of the above.

Answer : A

13) Not related to the anterolateral of thyroid lobes:

- A- sternohyoid.
- B- sternothyroid.
- C- superior belly of Omohyoid.
- D- posterior border of sternomastoid.

E- None of the above.

Answer :D (anterior border)

14) Which of the following is an Odd hormone:

- A) ACTH.
- B) Prolactin.
- C) somatomedins.
- D) Androstenedione.
- E) Aldosterone.

Answer : D

15)The relationship between D3, PTH in normal levels:

- A- synergism.
- B- permissive.
- C- a+b.
- D- synergism+ anatagnist.
- E- antagonism.

Answer :B*

16) Which of the following about the dehydration effects on insulin deficiency is NOT true:

- a. Osmotic pressure of tubular fluid (T.F) increases.
- b. Cellular dehydration occurs.
- c. Both ECF and ICF dehydration develops.
- d. Osmotic diuresis occurs.
- e. Tubular reabsorption of Na^+ increases.

Answer : E

17)The adrenal gland , which is correct:

- A- arteries branched from abdominal aorta.
- B- middle artery branched from aorta.
- C- right vein drains to right renal vein.
- D- left vein drains into IVC.

Answer : B

18)The correct statement about the islets of Langerhans:

A- diameter 100- 500 um.

B- 10% of the gland .

C-appears less stained than the surrounded tissue.

Answer : C

19) Regarding alpha cells of pancreas, which of the following is correct ?

A- centrally located in the islets.

B- concentrated in the head.

C- constitute 70% of the cells in the islet.

D- secretion is triggered by high glucose levels.

E.non of the above .

Answer : E

20)one of these hormones needs calcium for secretion:

A. Glucagon.

B. Ach .

Answer : B*

21)one of the following isn't considered as physiological factor of aldosterone secretion:

A. Angiotensis I.

B. Angiotensis II.

C. Angiotensis III.

D. Elevated potassium concentration.

E. ACTH.

Answer : A

22) One of the following Doesn't increase the response to stress in general adaptation syndrome:

- A. CRH.
- B. Cortisol .
- C. D2.
- D. ADH.
- E. ACTH.

Answer : C

23) The correct description of adrenal cortex. :

- A. Profuse SER .
- B. Basophilic stain.

Answer : A

24) Organogenesis of pineal gland :

- A. the development of the mature gland is seen in the first decade life.
- B. Will increase in size from birth to the end of first decade.
- C. Begins at the 4th week of gestation.

Answer : A

25) Excessive level of GH causes all of the following except

- A- gigantism in children.
- B- acromegaly in adults.
- C- direct growth of the long bones.

Answer : C

26) Which of the following is not a function of cortisol?

- A. Increase ADH.
- B. Gluconeogenesis.
- C. Lipolysis .
- D. retains fluids in the body.

E. Maturation of the lung during fetal development.

Answer : E

27) not true about obesity :

- A. 1/3 of obesity patients are in the industrial country .
- B. Most people in the US are obese.
- C. Moderate obesity is hazardous fatal.
- D. not only in the developed countries.
- E. The convenient and reliable test for obesity is BMI only.

Answer : E

28) Insulin, correct statement:

- A. Requirements at night not similar during day.
- B. Requirements increased in exercise .
- C. Requirements not increased in obesity.
- D. Tyrosine kinase as a second messenger only.
- E. Blood levels doesn't change in diabetes mellitus.

Answer : A

29) Which one of the following factors has a direct connection with growth hormone:

- A. Somatostatin.
- B. excitant .
- C. fasting .
- D. Estrogen.

Answer : A

30) Which of the following about adrenocorticoids is incorrect:

- A. All of them are cholesterol derivatives.
- B. All are steroids.

Answer : B*

31) Which of the following affects glycogenesis, lipolysis, glucose uptake and does not affected by observative-post observative:

- A. (glucagon & adrenaline).
- B. (glucagon & GH).

Answer : A

32) Tsh is considered:

- A.Tripeptide.
- B.Peptide.
- C.Steroid.
- D.Glycoprotien.
- E.Tyrosine derivatives.

Answer : D

33) One of the following is not true regarding calcium homeostasis:

- A. Bone is the reservoir.
- B. Its normal plasma concentration 9-11mg/dl.
- C.small changes in its plasma concentration could be fetal.
- D.bones are the major calcium source.
- E. Heart and respiratory failure are possible complications to serious decrease in its concentration.

Answer : C*

34) which of the following incorrect about Vit D:

- A. increase intestinal ca absorption.
- B.Increase kidney absorbing Ca.
- C. It's hepatic modified.
- D. calcitriol D3 isn't sufficient for human.

Answer : D

35) The chemical nature of vitamin D is:

- A. Tyrosine.
- B. Tripeptide.
- C. steroid.
- D. peptide.
- E. protein.

Answer : C

Good luck 🍀

والمرء لا تشقيه إلا نفسه
ويظن أن عدوه في غيره
حاشى الحياة بأنّها تشقيه
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