



**Dentistry midterm
11/2020**

Collected questions



Question 29

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The activity of the adrenal zona glomerulosa is stimulated mainly by:

- a. Cortisol.
- b. Hypernatrμία.
- c. Angiotensin II.
- d. Atrial natriuretic peptide.
- e. Hypokalemia.

C

PHYSIOLOGY 2

My courses

PHYSIOLOGY 2

General

Midterm Physiology II Dental

Time left 0:41:30

Antidiuretic hormone: Choose the correct answer:

- a. Secretion is little affected by changes in plasma osmolality of less than 10%
- b. Is produced by posterior pituitary gland cells
- c. Secretion increases when plasma volume falls but osmolality is unchanged
- d. Causes the osmolality of the plasma to rise
- e. Increases the permeability of the cells in the 100p of Henle to water

Probably c

The secretion and release of growth hormone: Choose the incorrect answer:

- a. Is promoted by hypothalamic GH releasing hormone and is pulsatile in nature
- b. Is prompted by IGFs
- c. Is increased by exercise and stress
- d. Is promoted by acetylcholine indirectly
- e. Is strongly inhibited by hypothalamic somatostatin

[Clear my choice](#)

Probably b

PHYSIOLOGY 2

My courses

PHYSIOLOGY 2

General

Midterm Physiology II Dental

Time left 0:46:43

If an adult non-pregnant woman injected with estrogen 48 hrs before the time of ovulation one of the following choices is not true?

- a. FSH increases.
- b. Ovulation does not occur.
- c. GnRh secretion increases.
- d. Ovulation occurs.
- e. LH secretion drastically increases. (surge)

B

Next page

1,25-(OH)₂ – Vitamin D synthesis is increased by each of the following EXCEPT:

- a. Vitamin D deficiency
- b. Calcitonin.
- c. Parathyroid hormone (PTH).
- d. Phosphate deficiency.
- e. Calcium deficiency.

[Clear my choice](#)

B

Time left 0:43:20

Which one of the followings about cortisol functions is not true?

- a. Gluconeogenesis.
- b. Glycogenolysis
- c. inhibition of glucose uptake.
- d. ketogenesis
- e. lipolysis

[Clear my choice](#)

D

Which of the following hormones plays an important role in keeping the plasma concentration of potassium within normal limits?

- a. Calcitriol
- b. Vasopressin
- c. Glucagon
- d. Insulin
- e. Parathyroid hormone

[Clear my choice](#)

D

Aldosterone secretion is stimulated by increases in each of the following EXCEPT:

- a. Renin
- b. Sodium.
- c. ACTH.
- d. Potassium.
- e. Angiotensin – converting enzyme.

[Clear my choice](#)

B

Time left 0:09:16

The increased levels of one choice of the following hormones accompany the maternal morning sickness:

- a. Progesterone and estrogen
- b. Human placental lactogens (HPLs) and prolactin
- c. TRH and TSH
- d. GnRh and LH
- e. hCG and Thyroxine

[Clear my choice](#)

E

Quiz
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Which of the following effects of insulin requires the least amount of the hormone?

- a. Inhibition of lipolysis.
- b. Stimulation of muscle glucose transport.
- c. Stimulation of muscle glucose uptake.
- d. Inhibition of hepatic glucose production.
- e. Stimulation of amino acid uptake

[Clear my choice](#)

We don't know

One of the followings about testosterone and related hormones is not true?

- a. testosterone produce DHT which functions almost in all stages of life
- b. several tissue besides the testes produce the testosterone hormone
- c. DHT can be converted to steroidal.
- d. testosterone functions as a prohormone
- e. the biological activity of DHT is too much higher than that of testosterone

[Clear my choice](#)

D