



TEST BANK PHYSIO 2



• MIDTERM EXAM •

Written by:

Ruba Shadid, Retaj Edwan, Batool AbuWardeh, Diala Shishani.

1) patients with low GFR which pain killer should they avoid?

Answer: Non steroidal anti-inflammatory

2) all of the following contribute to autoregulation except?

Answer: Atrial natriuretic peptide(ANP)

3) Hormone increase efferent arteriole resistance and increase GFR?

Answer: ANG II

4) Which of the following doesn't happen in case of excessive aldosterone?

Answer: dehydration and acidosis

5) Which of the following is not a physiological regulator for aldosterone?

Answer: ANG I

6) Hormone increase efferent arteriole resistance and increase GFR?

Answer: ANG II

7) In a patient with lack of ADH, which segment is the most diluted?

a)Thin descending

b)Thin ascending

c)Thick ascending

d) Late distal + Cortical collecting

8) Which of the following not secreted from kidney ?

A) Renin

B) Erythropoietin

C) ADH

D) Calcitriol

9) what happen when FF increase?

Answer: GFR increase from afferent to efferent

10) Which of the following is a function of the kidney?

a) production of RBC.

b) eliminate CO₂

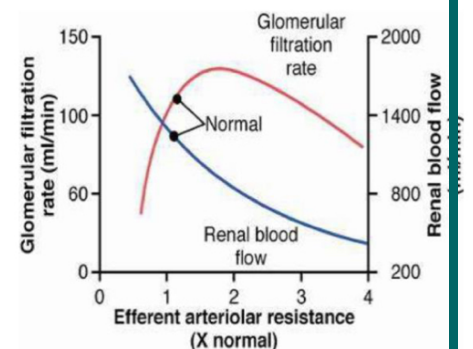
c) balance of electrolytes

12) Highest tubular fluid to plasma concentration in PCT?

Answer: creatinine

13) which statement is true about this curve:

Answer: when Re increases 3 folds, GFR decreases.



Use the following laboratory test results to answer these questions(14-16):

Urine plasma flow = 1ml/min

Urine inulin concentration = 100 mg/ml

Plasma inulin concentration = 2 mg/ml

Urine urea concentration = 50 mg/ml

Plasma urea concentration = 2.5 mg/ml

14) what is the GFR?

a. 50 ml/min.

b. 50 ml/min

c. 100 ml/min

d. 125 ml/min

15) What is the net urea reabsorption rate?

a. 0 mg/min.

b. 25 mg/min.

c. 50 mg/min

d. 75 mg/min

16) what is the clearance value?

a. 0 mg/min

b. 25 mg/min.

c. 50 mg/min

d. 75 mg/min

e. 100 mg/m.

17) What is the hormone that decreases insulin secretion?

Answer: leptin

18) Which of the following hormones is very important during early development of the nervous system?

Answer: T4

19) What is the chemical nature of vitamins?

Answer: steroids

20) Which of the following is incorrect regarding Vitamin D?

Answer: D2, D3 they have the same efficient

21) which of the following false about viagra?

Answer: aphrodisiac drug

22) wrong about cryptorchidism?

Answer: percentage in premature babies 50%

23) Which of the following does not use cAMP as a second messenger?

Answer: insulin&oxytocin (both are correct)

24) In which of the following thyroid abnormalities goiter doesn't occur?

Answer: hyperthyroidism due to hypersecreting thyroid tumor

25) which hormone doesn't contribute with the GH in protein synthesis?

Answer: Estrogens

26) Which hormone initiates uterine contraction?

Answer: Fetal ACTH

27) which of the following is not true about menstrual cycle?

Answer: corpus luteum functions till the end of pregnancy

28) Wrong about male if one testis isn't present?

Answer: producing sperms the patient is infertile

29) which contraceptive method has more than one advantage?

Answer: spiral

30) Hormones that play an important role in maintaining plasma concentration of K^+ within normal limits?

Answer: insulin

31) which hormone needs calcium to be released?

Answer: insulin

32) Not true about hormone:

Answer: hormones have same function on different target tissue

33) which inhibits GH secretion?

Answer: somatostatin

34) what's wrong about calcium metabolism?

Answer: it's regulated by PTH & vitamin D ONLY

35) incorrect about thyroid hormones:

Answer: both bounded hormone and free hormone have same functions