

Endo – biochem

Archive

Lecture 6

biochemistry -lecture (6)

1) Which of the following contain 19 carbon atoms :

- .A- Testosterone
- .B- Estrogen
- .C- Progesterone
- .D- Mineralocorticoid
- .E- Cortisol

Answer: A

2) One of the following statement is incorrect regarding steroid hormones :

- .A- Play important in carbohydrate regulation
- .B- Fewer different type than peptide hormones
- .C- Enzymes responsible for synthesis of it
- .D- Synthesized in mitochondria and ribosome
- .E- All are lipid soluble and not stored in cells

Answer: D

3) According to the steroid nucleus all are true except?

- A) 4 rings (A, B, C, D)
- B) composed of 17 carbon atoms beside 2 methyl groups
- C) there is a methyl group at C17
- D) there is methyl group at C13

Answer: C

4) Deficiency in 21-hydroxylase can lead to all of the following except?

- A) Excess adrenal androgens
- B) Deficiency in cortisol and aldosterone
- C) Ambiguous genitals
- D) adrenogenital syndrome

Answer: D