

1st Continuous Assessment Examination
Department of Biochemistry
358 BCH (Hormones)
1st term 1428/1429 H

NAME: _____ NUMBER: _____

Answer all of the following questions

I – TRUE OR FALSE: Write T if the statement is true and F if the statement is false.

- _____ 1. There are two major systems by which cells and tissues can communicate into the circulation. (T)
- _____ 2. Hormones are secreted through ducts. (F)
- _____ 3. Endocrine system secretes hormones which act on neighboring cells. (F)
- _____ 4. Endocrinology describes only the deficiency of hormones. (F)
- _____ 5. Hormone receptor has only two domains in the structure. (F)
- _____ 6. Hormone receptors have high specificity. (T)
- _____ 7. Hormone receptor binding generates the affinity of its receptors. (F)
- _____ 8. In the negative feedback mechanism of hormone action, the results may stimulate the original gland to secrete no more hormones. (T)
- _____ 9. Steroid hormones are stored freely in a large molecule in the cytosol. (F)
- _____ 10. Receptor hydrophobic domain acts to initiate the second messenger formation. (F)
- _____ 11. The phosphorylation occurs in the cytosol domain of the receptors. (T)
- _____ 12. Tyrosine kinase converts AMP to cAMP. (F)

II. Draw the following:

1. The mechanism of steroid-hormone receptor binding.

2. Give the full name of each of the following:

- ACTH

- GnRH

- GH

- TRH

----- END of EXAM -----