

Name: _____ Date: _____

Hormone Quiz

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| 1. Na ⁺ and K ⁺ regulation increases blood volume and pressure; alters acid-base balance of blood | A. Calcitriol |
| 2. Contributes to axillary and pubic hair development; in women contributes to sex drive and accounts for estrogen after menopause | B. GHRH |
| 3. Decreases blood pressure by allowing Na ⁺ and water to flow out of the body in urine | C. Thymosins |
| 4. Pharmacological doses have bone-sparing effect | D. Calcitonin |
| 5. Regulates carrier system that intestinal cells use to absorb calcium ions from blood | E. Estrogen |
| 6. Stimulates release of enzymes in pancreas; inhibits stomach's secretory activity | F. Epinephrine |
| 7. Stimulates active transport of dietary calcium across cell membranes of small intestine | G. Growth Hormone |
| 8. Act locally as paracrines; involved in T lymphocyte development and immune response | H. aldosterone |
| 9. Release of glucocorticoids in adrenal cortex; to help body resist stressors | I. Cortisol |
| 10. With NE mimics sympathetic nervous system activation; is the more potent stimulator of metabolic activities and bronchial dilation | J. Ghrelin |
| 11. Signals bone marrow to increase production of red blood cells | K. Androgens |
| 12. Maturation of female reproductive organs and appearance of secondary sex characteristics; maintains low total blood cholesterol levels; facilitates calcium uptake | L. Cholecalciferol |
| 13. Stimulates ovarian follicle maturation and production of estrogen; stimulates sperm production | M. EPO Erythropoietin |
| 14. Promotes gluconeogenesis and hyperglycemia; mobilizes fat for energy metabolism; stimulates protein catabolism; depresses inflammatory and immune response | N. Atrial Natriuretic Peptide |
| 15. Appetite stimulant; Growth hormone release | O. ACTH |
| 16. Stimulates release of Growth Hormone | P. Thymopoietins |

17. Raises blood glucose levels; lowers blood levels of amino acids

Q. Glucagon

18. Act locally as paracrines; involved in T lymphocyte development and immune response

R. Follicle-Stimulating Hormone

19. Inhibits release of Growth Hormone

S. CCK Cholecystokinin

20. Stimulates somatic growth; mobilizes fats; spares glucose

T. GHIH