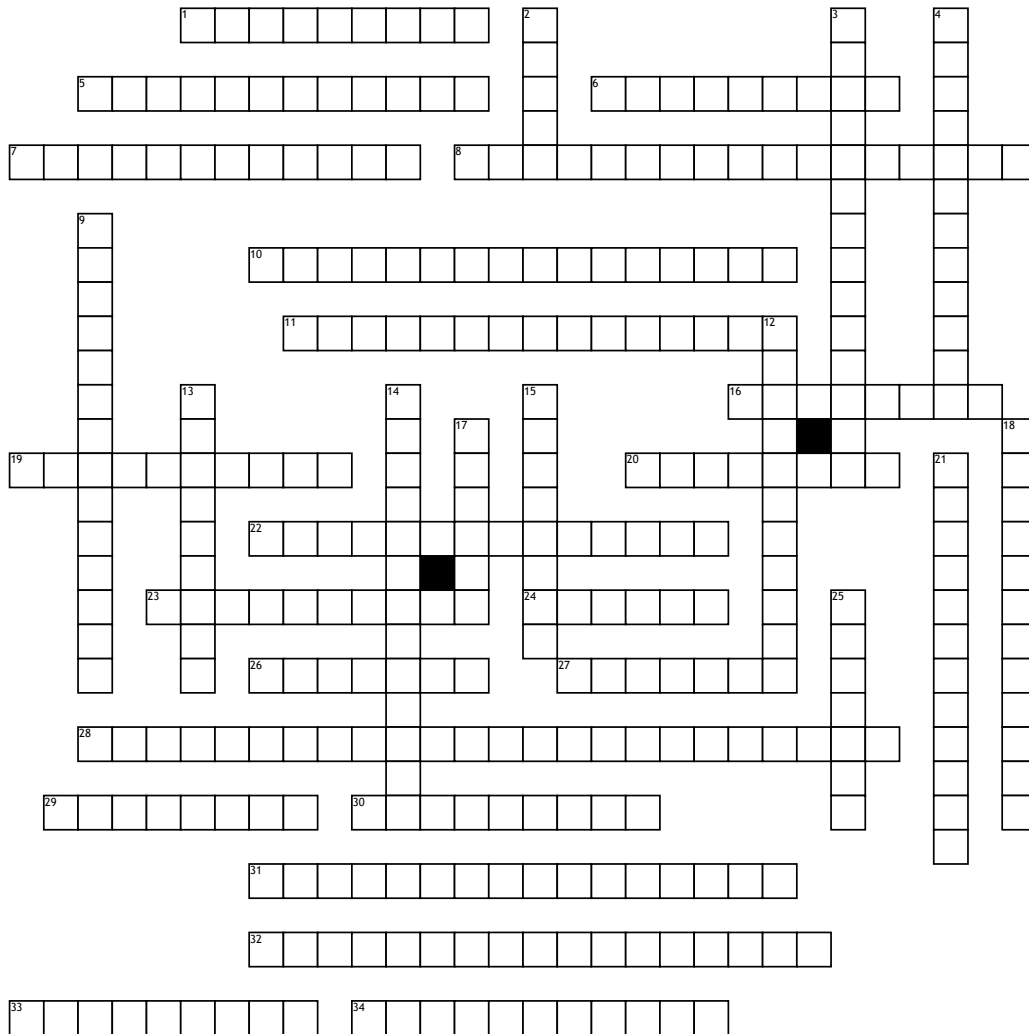


Endocrine System



Across

1. The major hormone secreted by the thyroid follicles
5. acts with estrogen to bring about the menstrual cycle
6. female sex hormones
7. stimulate growth of bones and muscles
8. produced by the outermost adrenal cortex cell layer
10. tiny masses of glandular
11. help the body to resist long-term stress primarily by increasing blood glucose levels
16. which acts as parts of the digestive system
19. decreases blood calcium levels by causing calcium to be deposited in the bones
20. male sex hormones
22. develops from a knot of nervous tissue
23. stimulate by low blood levels of glucose
24. of the male are suspended in a sac, the scrotum, outside the pelvic cavity
26. increases their ability to transport glucose across their plasma membrane
27. Almond-sized organs located in the pelvic cavity

28. developing embryo and then by the fetal part of the placenta
29. a hormone formed in the pancreas which promotes the breakdown of glycogen and glucose
30. stimulate the development of the secondary sex characteristics in females
31. a hormone released by the heart
32. Formed at the target tissue
33. appears to be secreted in substantial amounts
34. your sympathetic nervous system brings about the "fight-or-flight" response

Down

2. An enzyme produced by the kidneys when blood pressure drops
3. results in cyclic changes in the uterine lining
4. A potent stimulator of aldosterone release
9. prepare the body to cope with a brief to shorten for alarm stage
12. produced by the adrenal cortex throughout life in relatively small amounts

13. high levels of glucose in the blood stimulate the release
14. 2 bean-shaped curved over the top of the kidney
15. Remarkable organ formed temporarily in the uterus of pregnant women
17. released directly to the blood in response to increasing levels of blood calcium
18. produces both estrogen and progesterone
21. causes development of the adult male sex characteristics
25. goal being to reduce blood volume and blood pressure

Word Bank

Peptide	Estrogens	Glucocorticoids	C-Cells	Angiotensin
Glucagon	Estrogens	Beta Cells	Testosterone	Catecholamines
Epinephrine	Progesterone	Androgen	Adrenal Medulla	Exocrine
Alpha Cells	Renin	Ovaries	Trilothyronine	Calcitonin
Mineralocorticoid	Placenta	Thyroxine	Human Chronic Gonadotropin	Anterior Lobe
Testes	Adrenal Glands	Menstrual Cycle	Atrial Natruretic	Corpus Luteum
Parathyroid Gland	Sex Hormones	Melatonin	Insulin	