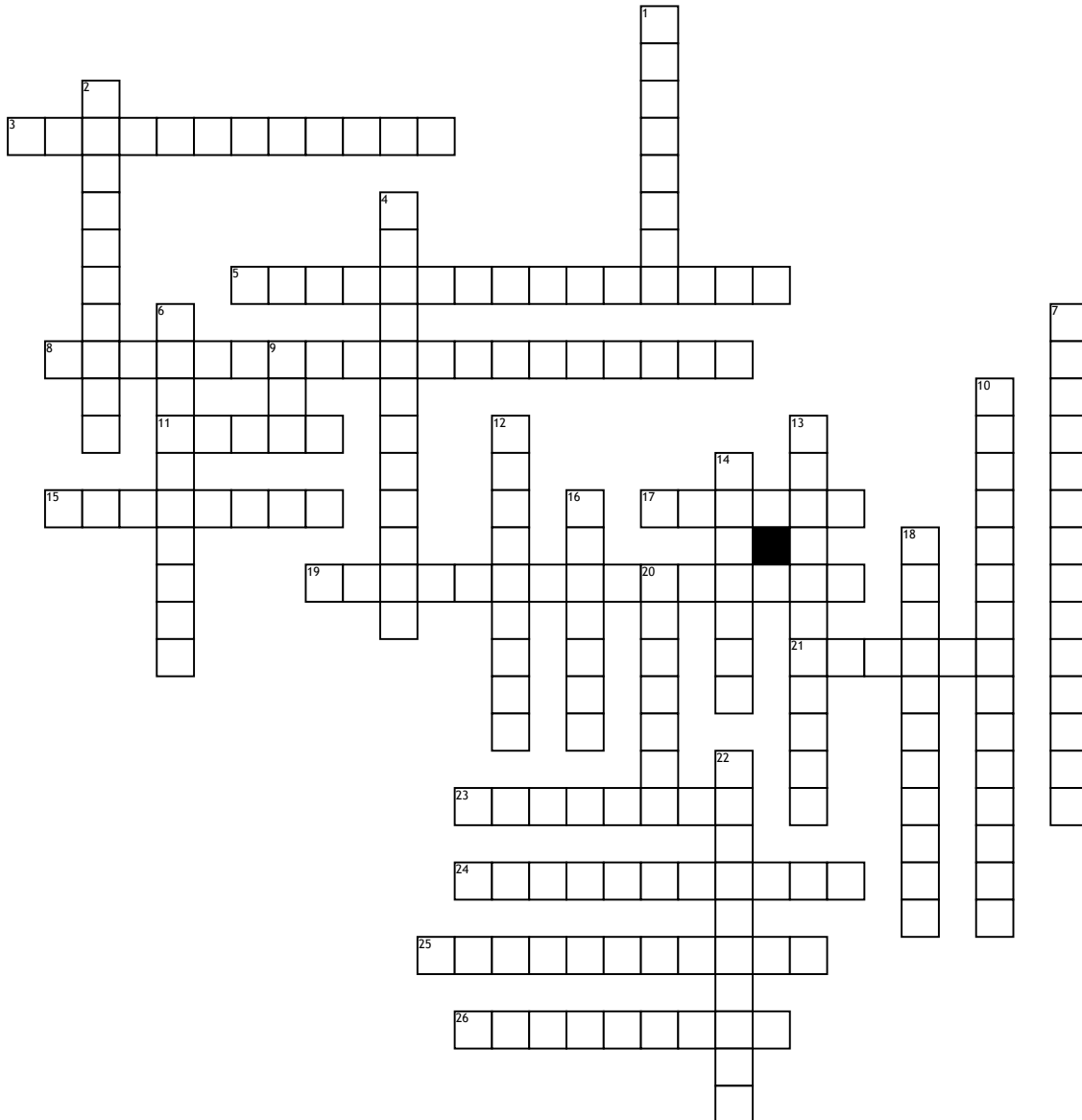


Exam 1 Reproduction



Across

3. Process in which sperm collectively break down their acrosomes
 5. _____ nerve stimulation causes artery to vasodilate
 8. Sperm are made inside _____
 11. Irregular ridge along septum (landmark)
 15. In the seminal vesicle, sperm use _____ to move/ survive
 17. Membrane that surrounds the fetus
 19. Connective tissue that grows toward the center of the testes to for incomplete septa
 21. Cells responsible for producing testosterone
 23. The structure that lies inferior to the urinary bladder
 24. Alternating contraction & relaxation of the 2 muscle layers in the walls of tubes that move substances in 1 direction through tube

25. _____ nerve stimulation causes artery to vasoconstrict
 26. External urinary bladder to release fetal urine

Down

1. Seminal vesicle fluid provides an _____ environment
 2. _____ circular muscles that close area between bladder and top of urethra (so acidic urine doesn't get in & kill sperm)
 4. Leydig cells with presence of LH make _____ at the Basal layer
 6. _____ is an energy source for sperm
 7. _____ structure that grows down into tunnels of functional layer used for attachment and to transfer nutrients to fetus
 9. Both _____ and testosterone bind Sertoli cells to make sperm (spermatogenesis)
 10. _____ clump sperm together & protect from acidic environment of vagina

12. _____ found in septum controls temperature regulation by contracting/relaxing testes
 13. The prostate contains _____ enzymes that "cut" something
 14. _____ inhibits the release of FSH
 16. The site of early blood cell production
 18. The _____ transports sperm into the body
 20. During emission, peristalsis loads sperm into the _____
 22. Proteolytic enzymes are considered _____ factors that allow sperm to be released & fertilize the egg