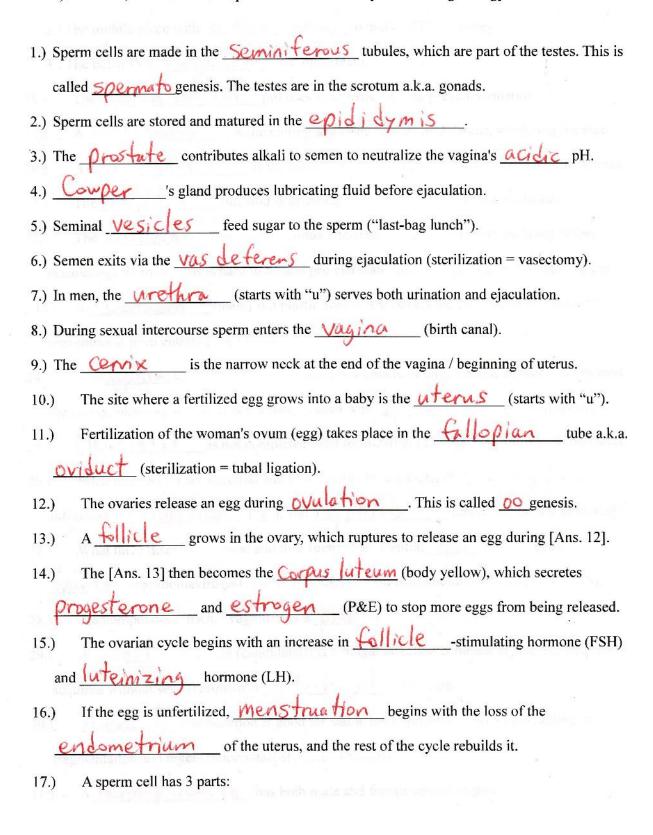
SUPPLEMENTAL INSTRUCTION FOR SURVEY OF BIOLOGY by Richard X. Thripp Week 10, Fall 2009, Nov 3 / 4 / 5. Reproduction Ch. 26. daytonastate.org/biology



1.) a head with chromosomes and an Acrosome, a modified lysosome with digestive
enzymes to eat through the jellylike layer around the ovum.
2.) The middle piece with mitochondra to make ATP for energy.
3.) The tail with a flagellum for movement.
18.) The birth control pill uses synethetic P&E to prevent ovulation.
19.) A vasectory is the cutting and tying of the vas deferens, sterilizing the man.
20.) A tubal ligation is the cutting and tying of the oviducts, sterilizing the woman
21.) The rhythm method is avoiding sexual intercourse during ovulation.
22.) The withdrawa method (coitus interruptus) is when the man pulls out before
ejaculating. Warning: this is hard to do and pre-ejaculate from Cowper's gland contains sperm.
23.) A <u>Condom</u> (male) is a plastic sheath that covers the erect penis to catch semen,
preventing it from entering the vagina.
24.) A diaphragm is a dome-shaped bowl made of thin, flexible rubber that sits over
the cervix, blocking semen. It is normally coated with Spermacide to kill sperm.
25.) Meiosis II is not completed until fertilization (23 + 23 = 46 chroms. in humans)
26.) What three STDs are bacterial and thus curable by antibiotics? Chlany dial
infections, gonorrhea ("g"), and syphilis (chancres, fatal if untreated)
27.) What three diseases are viral and thus incurable? Gential heres, genital
warts (papillomaviruses), and HIV infection (human immunodeficiency -> AIDS).
28.) Trichomoniasis ("trich," vaginitis) is a <u>protozoon</u> infection.
29.) A yeast infection (candidiasis) is a fungal infection common in women, frequently
acquired without sex. Treatment is anti-fungal chemicals.
30.) Asexual reproduction is good for stable environments. It involves budding or
fragmentation and regeneration (starfish, cacti, sponges).
31.) A hemaphrodite has both male and female sexual organs.