

Below is the breakdown for **Exam 5 – summer 2025 updated 6/26**

Ch 15 – reproduction physiology (34 ques)

5 questions on male reproductive anatomy and vocab (glands, sperm transport tubes, cremaster, inguinal ring, spermatic cord, epididymis, sertoli cells, leydig cells).

5 ques on female repro anatomy & vocab (cervix, uterine endometrium, myometrium, episiotomy, mittelschmerz)

2 ques on oogenesis (maturation of egg, and the follicle that houses it, during 28 menstrual cycle, when the egg is diploid versus haploid)

1 ques on spermatogenesis (when the sperm is diploid versus haploid)

2 ques on pituitary FSH & LH and their effect on ovaries and testes.

5 ques on tests for prostate, ovarian, breast, and cervical cancer (PAP smear, PSA, CA 125, and BRCA gene – including how mutation in BRCA gene increases cancer risk in men and women)

4 on what happens within the ovary (to follicle and egg) and to the endometrium in the 28 menstrual cycle (Ex. What days is egg maturing, ovulating, and days that the corpus luteum is making progesterone, and what is happening to uterine endometrium, and menstruation).

1 ques on risks for ovarian cancer

1 ques on process of an erection, and how ED drugs work.

4 ques on hormones (progesterone and what produces it, prostaglandin and what produces it and what effect it has, hCG and what produces it and what effect it has).

4 ques on repro disorders (BPH, prostate cancer, endometriosis, polycystic ovarian syndrome, leiomyomas, ovarian cancer, **ectopic pregnancy**)

Ch 16 – Contraception and STDs (16 ques)

5 on different forms of hormonal contraception (what they contain, how they are given), and non-hormonal contraception, chemical abortion, and emergency contraception (with the drug name).

1. Hormonal contraception

> the pill (daily pill, **Seasonale**)

> the shot (**Depo Provera**)

> the implant (**Nexplanon**)

> the patch (Xulane & **Twirla**)

> the IUD

- Hormonal IUDs (**Mirena**, Kyleena, Liletta, and Skyla with progestin hormone)

- Non-hormonal IUD (**Paragard** the copper IUD)

> the cervical ring

- **NuvaRing** – brand name and **EluRyng** – generic. For monthly

- **Annovera** – for 1 year

>Emergency contraception (**Plan B**, **Ella**, Paragard IUD)

>Abortion drugs (**RU486**, **Cytotec**)

6 questions on knowing how the above medications work (what they contain, how they're administered)

1 question on barrier methods of birth control (male and female condom, cervical cap, diaphragm, dental dam, Vasalgel)

4 questions on knowing STDs (Chlamydia, gonorrhea, syphilis, herpes, HIV, HPV, jock itch, yeast infection, pubic lice, protozoan STD) **and knowing which are bacterial, viral, protozoan, fungal, and parasitic.**