

## HARMONES OF REPRODUCTIVE SYSTEM

### Male & female reproductive system & their associated hormones

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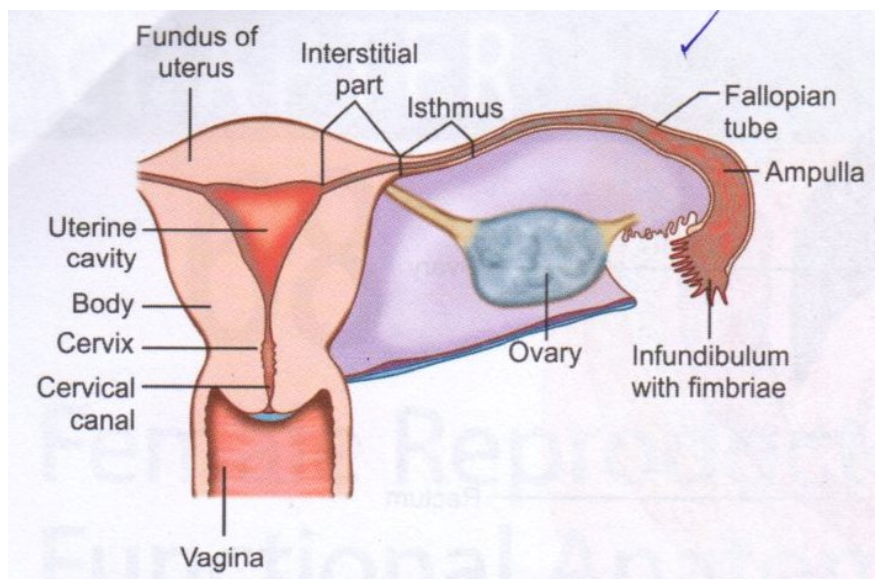
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**Abstract:** The primary objective of the male reproductive system is to produce healthy sperms capable of fertilizing the ovum and the objective of the female reproductive system is the release of the ovum, secretion of hormones nourish the implanted fertilized gamete or shed the endometrial with uterine bleeding in the absence of fertilization. Male reproductive system consists of testis, epididymis, vas deferens, ejaculatory ducts, prostate gland, urethra and penis. They have two important functions. They are spermatogenesis and steroid genesis.

The female reproductive system consists of external genetalia, internal genetalia containing vagina, uterus, ovaries, oogenesis, graffian follicle, fallopian tubes & hormones of menstrual cycle like estrogen, progesterone, FSH, LH.

#### Internal genetalia:

**Vagina:** It is a tubular canal posterior to urethra. Vagina opens into uperine cervix. It widens during parturition. It has two phases proliferative phase and luteal phase. It has several functions as the pathway that a baby takes out of a woman's body during childbirth, and as the route for the menstrual blood (the period) to leave the body from the uterus.



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