

UNIT -V : HUMAN REPRODUCTION

VA.HUMAN REPRODUCTIVE SYSTEM**(1 x 2) + (1 x 8) = 10 Marks****ROOT POINTS**

1. The primary aim of life is **procreation** (reproduction)
2. Sexual reproduction starts with **formation and fusion** of male and female **gametes**.
3. The process of formation of gametes is known as **gametogenesis**.
4. **Fertilisation** is the complete and permanent fusion of two gametes from parents to form a **diploid zygote**. This process is also called **syngamy**. [IPE]
5. The **Testes** produce sperms and male hormones (Testosterone) called **androgens**. [IPE]
6. The **ovary** produces ova and female hormones **estrogen** and **progesterone**. [IPE]
7. Human female sex organs present in the pelvic region are as follows: [IPE]
(i) Ovaries (ii) Fallopian tubes (iii) Uterus (iv) Vagina (v) Vulva
8. Human male sex organs present in the pelvic region are as follows: [IPE]
(i) Testes (ii) Epididymis (iii) Vasa deferentia (iv) Urethra (v) Penis (vi) Accessory glands

FRUITY Qs OF IPE**(1 x 2) + (1 x 8) = 10 Marks**

1. What are the functions of Sertoli cells of the seminiferous tubules and the Leydig cells in man?
2. Name the yellow mass of cells accumulated in the empty follicle after ovulation. Name the hormone secreted by it and what is its function?
3. What is capacitation of sperms?
4. What is compaction in the human development?
5. Describe female reproductive system of a woman with the help of a labelled diagram.
6. Describe male reproductive system of a man. Draw a labelled diagram of it.