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Female Reproductive System :

The human female reproductive system is specialised to support the process of gametogenesis, ovulation, fertilisation, pregnancy, birth and child care. The parts of the female reproductive system are:

1. A pair of ovaries
2. A pair of oviducts
3. Uterus
4. Cervix
5. Vagina
6. External genitalia
7. Mammary glands

Ovaries:

- They are the primary female sex organs
- They produce the female gamete- **ovum**
- They also produce steroid hormones (Ovarian hormones)
- 2-4cm in length and connected to the pelvic wall and uterus by ligaments
- Each ovary is covered by a thin epithelium enclosing an ovarian stroma
- **Ovarian stroma**- It is the matrix of the ovary and is divided into two zones
 - Peripheral cortex
 - Inner medulla

Accessory Ducts:

They are the oviducts, uterus and the vagina

Oviduct (Fallopian Tube):

- Each fallopian tube is 10-12 cm long
- It extends from the periphery of each ovary to the uterus
- **Infundibulum**: It is the funnel shaped part closer to the ovary

- **Fimbriae:** They are the finger like projections at the edges of the infundibulum that aid in collecting the ovum after ovulation
- **Ampulla:** It is the wider part of the oviduct after the infundibulum
- **Isthmus:** It is the last part of the oviduct. It has a narrow lumen and joins the uterus

Draw sectional view of female pelvis Showing reproductive system from NCERT book .