

Q3) state the reason why testes lie outside the abdomen in a scrotum?

Ans → Both the testes remain in the scrotum because normal body temperature are too high, scrotum has smooth muscle tissues that keeps the testes at a cooler temperature than the body temperature 2°C to 3°C lower than the body temperature which is the most suitable temperature for sperm production.

Long Answer Questions

Q2) Describe the human female reproduction system with a labelled diagram.

Ans → on each side of the uterus two white oval bodies lie. These are called ovaries. Eggs are produced in the ovaries. Nearest to the ovaries there lie expanded funnel shaped oviducts or Fallopian tubes. The eggs go into the oviducts where released by the ovaries. The two oviducts open into the uterus. The walls of the uterus are muscular. The growing embryo lodges to the wall of the uterus. It is supplied by the food and blood through the placenta which is a connection between the growing embryo and the mother. The uterus joins the vagina in which semen is lodged during sexual act. From here sperms go up into the oviduct and fertilize the egg. The urethra which brings urine from the urinary bladder opens into the vulva just in front of the vaginal opening.

oviduct (fallopian tube)

