

Chapter 8

HOW TO DO ORGANISMS REPRODUCE

Menstrual cycle:

The starting of menstrual cycle is called “Menarche”. It usually occurs at puberty by the influence of hormones like FSH & LH.

Stages of Menstrual cycle:

1. Menstrual flow:

It occurs from 3 to 5 days during these inner layer of uterus (endometrium) rupture and corner out through vagina.

2. Follicular phase:

During these phase ovary and Follicle develops.

Primary follicle get converted to secondary follicle.

Secondary follicle get converted to Tertiary follicle.

Tertiary follicle get converted to fully matured Graafian follicle.

During these phase ovarian follicle release female sex hormone estrogen that is necessary for development of Secondary sexual character.

3. Ovulation:

Graafian follicle get ruptured and release the ova into fallopian tube. It occurs at 14th Day.

4. Luteal Phase:

Luteal phase during these phase the remaining parts of graafian follicle converted into corpus luteum it will secrete progesterone which is necessary for maintenance of endometrium within 14 days corpus luteum degenerates and menstrual flow starts again.

This cycle repeats for every 28 days in Female primates at 14th day female egg released into Fallopian tube.

Absence of menstrual cycle is the indicative of pregnancy menstrual cycle also absent during stress, abnormal health conditions complete cease of menstrual cycle is called Menopause usually occurs between 50 to 55 years of age.