

Gametogenesis

Process of formation of gametes.

Sexual reproduction :-

Formation of gametes.

→ Fertilization - Fusion of male & female gamete.

Male gamete

- ⇒ It is produced by testis.
- ⇒ It is small in size.
- ⇒ It is light in weight.
- ⇒ It is motile.
- ⇒ It carries only chromosomes from male parent or father.

Female gamete

- ⇒ It is produced by ovary.
- ⇒ It is large in size.
- ⇒ It is heavy in weight.
- ⇒ It is non-motile.
- ⇒ It carries chromosomes from female parent & nutrient materials.

Gametogenesis



⇒ Process of formation of male gametes

or. Spermatozoa (Pl.)

Spermatozoon (Singl.)

~

⇒ Process of formation of female gametes or. ovum.

(ova - Pl.)

male gamete

23

23

46

Female gamete

23

+ Nutrient materials

23

zygote

