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<http://tgesbiology.weebly.com/9-reproductive-system.html>

REPRODUCTION IN HUMANS

UNIT 2 CHAPTER 9

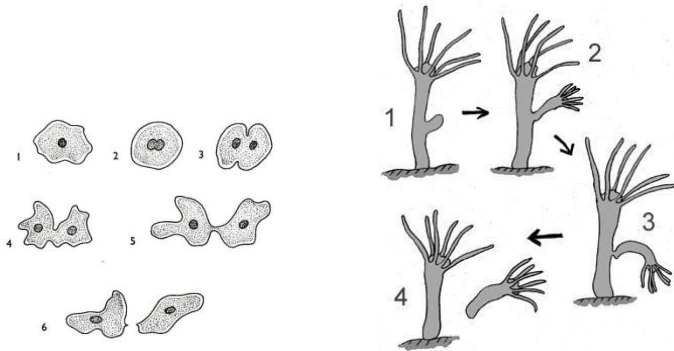
Name: _____

Date: _____

Define reproduction-

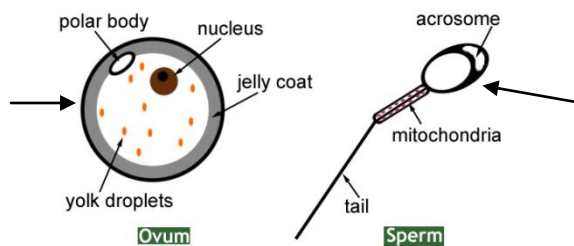
ASEXUAL REPRODUCTION	SEXUAL REPRODUCTION

Asexual reproduction-



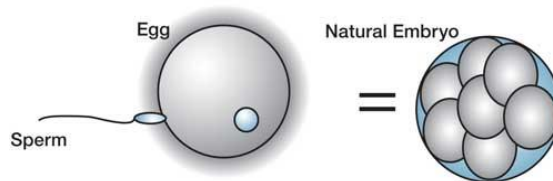
Sexual reproduction

This is _____
gamete and is produced by
the _____ organ.



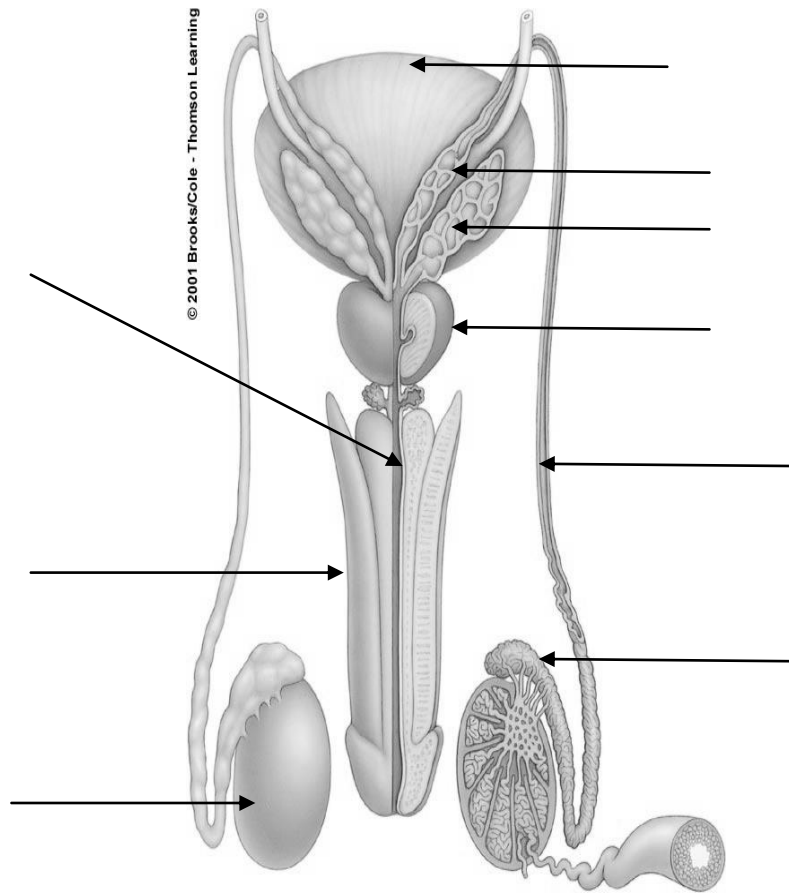
This is _____
gamete and is produced by
the _____ organ.

The process of fusion of
_____ and _____
is called _____

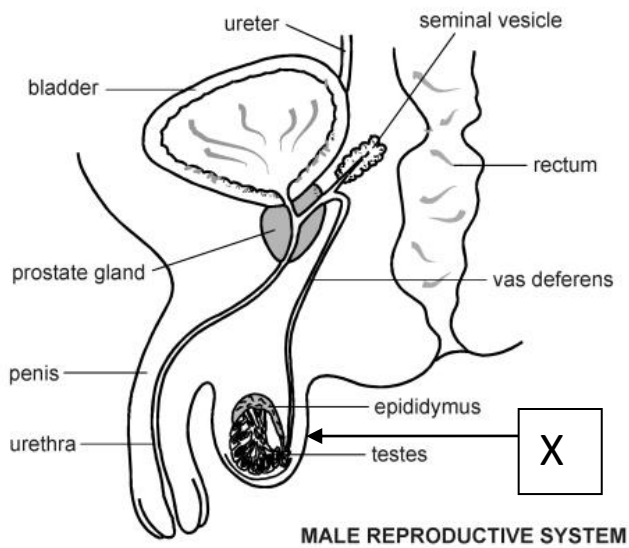


The process of _____
results in the formation of

Label the parts of male reproductive system



The lateral view of male reproductive system: - Label the part X



Name the canal through which the testes descend into this part.

What is the condition that results due to the failure of this?

Draw the front view of the male reproductive system

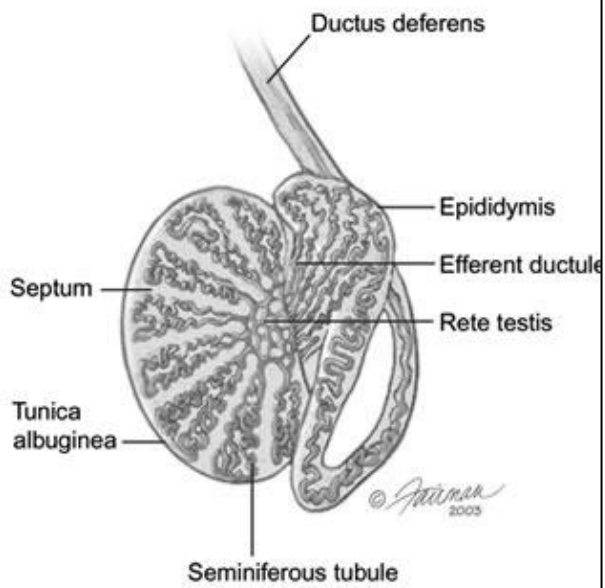
.List the accessory glands and their functions-

1. Seminal vesicles

2. Prostate

3. Cowper's gland

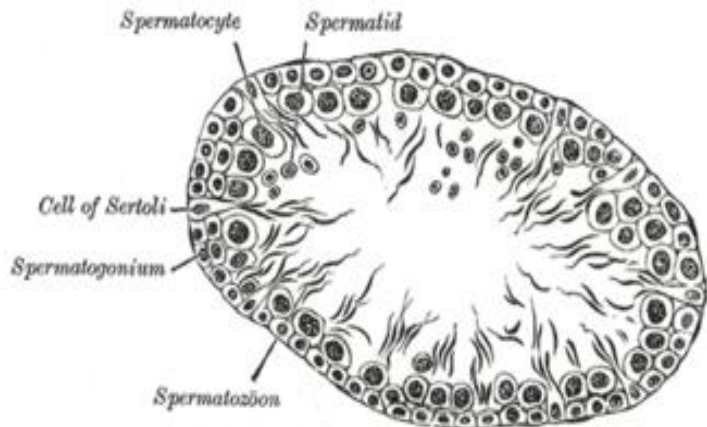
Describe the internal structure of testes.



Draw the diagram

Trace the path of the sperm from its production to release.

C.S. of seminiferous tubule



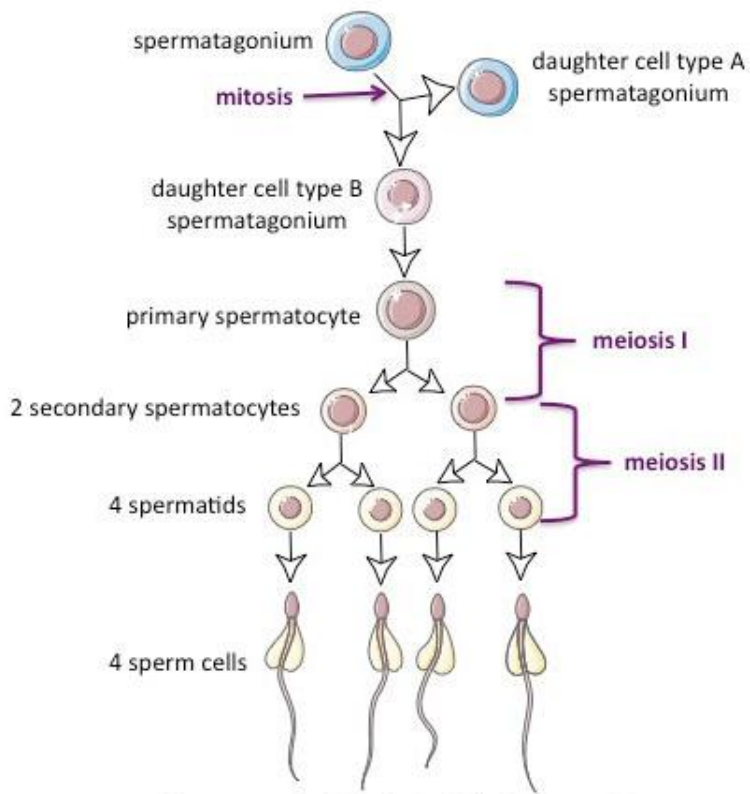
Name the cells present between the seminiferous tubule and their function.

The nurse cells in the seminiferous tubule are _____ and their function is _____

Draw the diagram of C.S. of seminiferous -

Define gametogenesis-

Define spermatogenesis

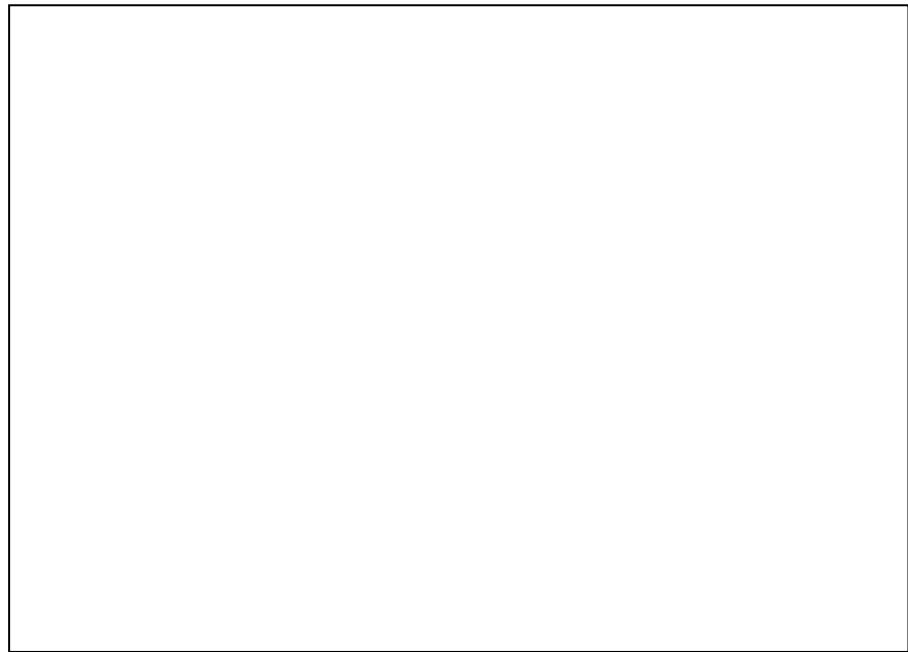
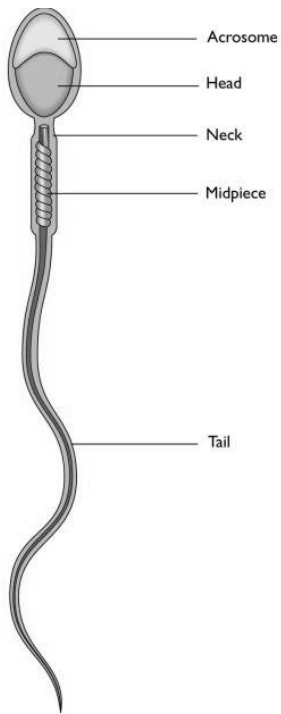


Figures were produced using Servier Medical Art: www.servier.com

Spermatogenesis	Spermiogenesis

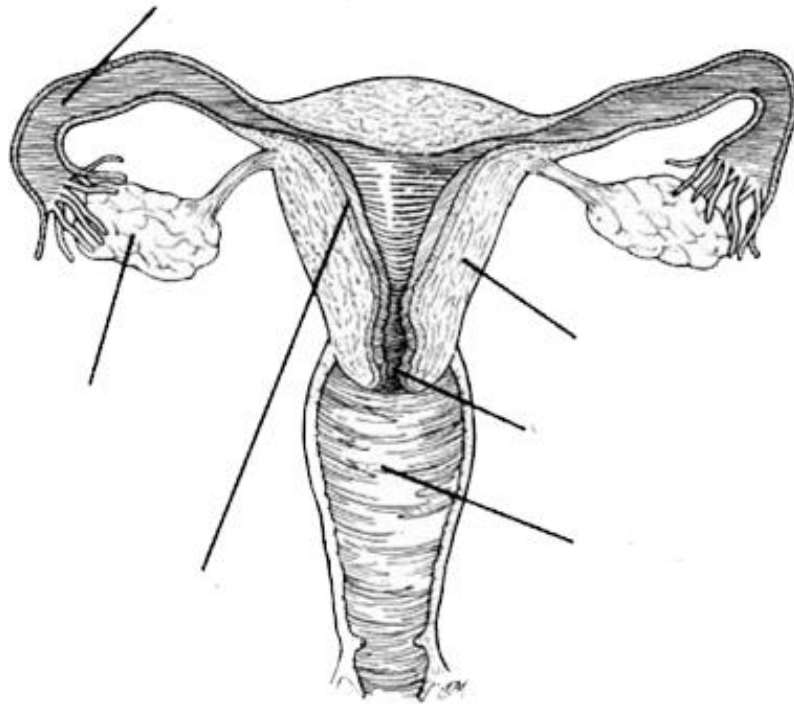
What is the importance of spermatogenesis?

Describe the structure of sperm cell-



Draw the structure of human sperm

Female reproductive system- label the parts



Draw the front view of the female reproductive system

Parts of the female reproductive system-

1. Ovaries-

2. Fallopian tube

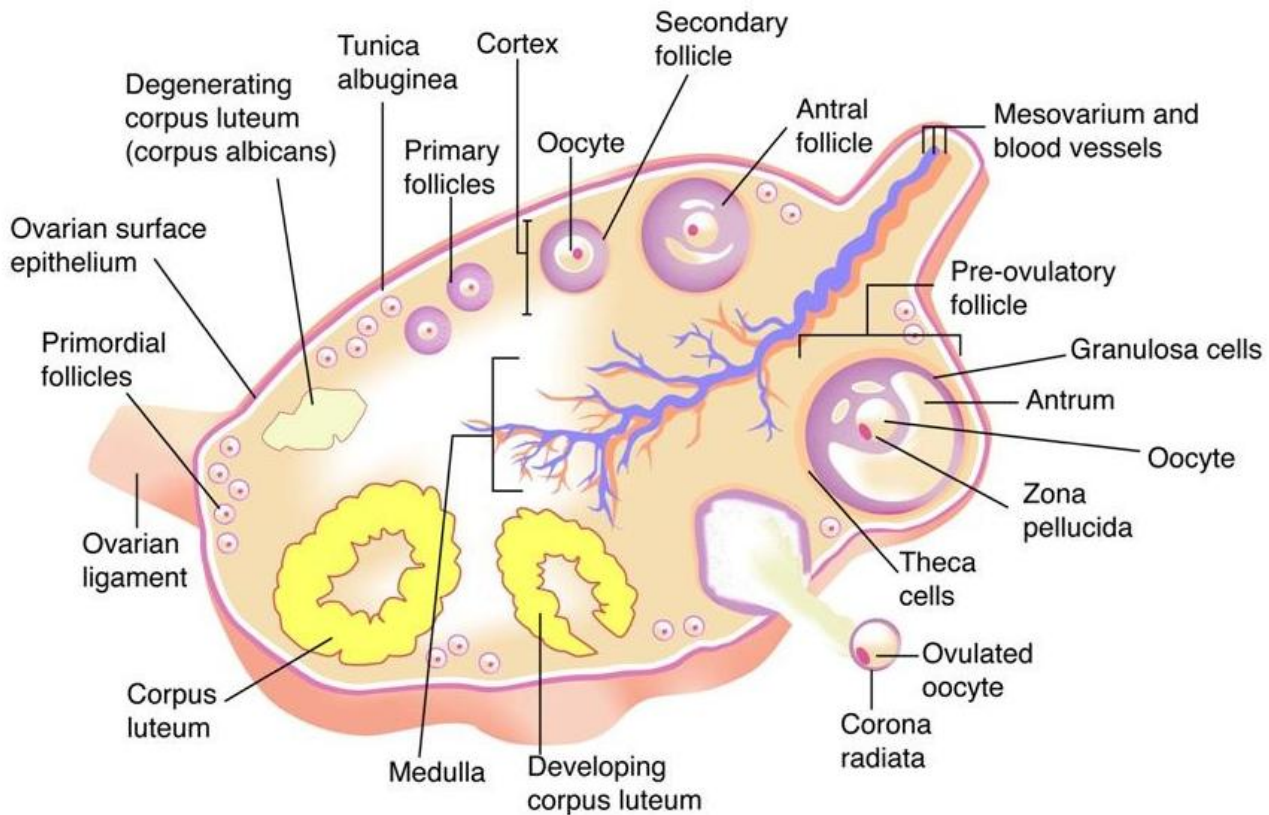
3. Uterus

4. Cervix

5. Vagina

6. Vulva

Internal structure of mammalian ovary.



The internal tissue is called _____

Give the regions of the internal part of the ovary.

The outer region of the contains structures in various stages of development these are called _____

The membrane covering the ovary is called _____

The outer layer of cells in the ovary is _____

The structure with oocyte and row of cells surrounding it is called _____

The large structure with oocyte and a single cavity is called _____

A large mass of yellow cells is called _____

A white mass of degenerative tissue is _____

A temporary mass of endocrine tissue that develops in the ovary is _____ and it secretes a hormone _____

Name the hormones secreted by the ovary and the cells that secrete the hormone.

Describe the process of folliculogenesis.

Describe the structure of –

Primordial follicle

Primary follicle

Secondary follicle

Atretic follicle

Describe the structure of a graffian follicle and draw it.

Describe the structure of-

Corpus luteum

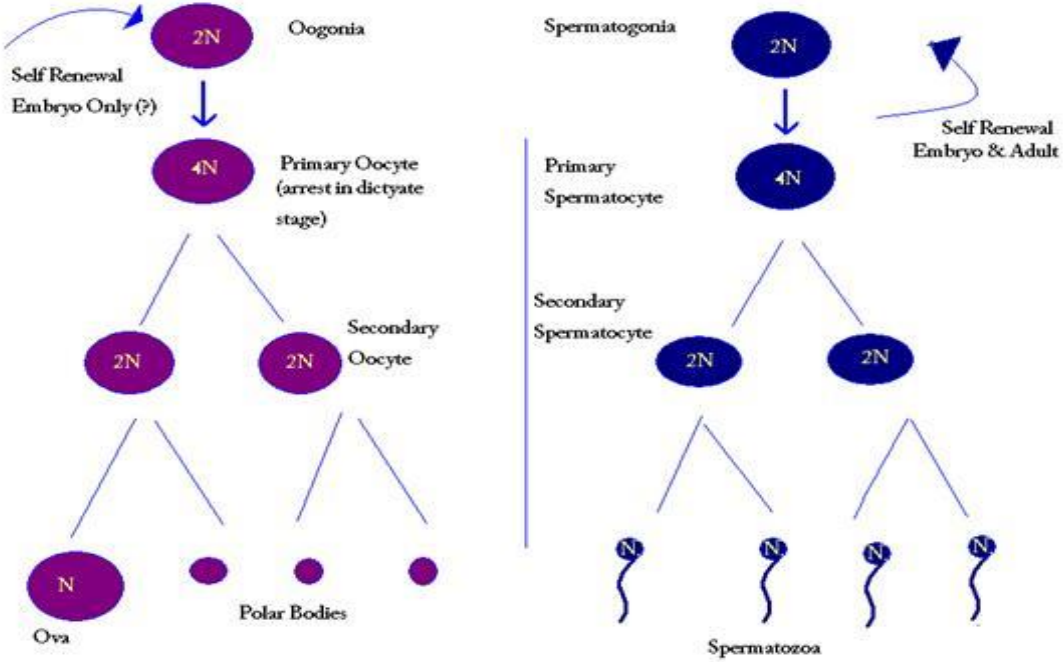
Corpus albicans

Corpus haemorrhagium

Define oogenesis.

Process of oogenesis

Spermatogenesis and oogenesis



Oogenesis	Spermatogenesis

How is folliculogenesis different from oogenesis?

Ovulation-

Draw and describe the structure of mammalian oocyte:

MENSTRUAL CYCLE-

Menstrual phase

Follicular phase

Ovulatory phase

Luteal phase

Hormones in the menstrual cycle