



St. Mary's Convent School Gulaothi, U.P. (2026 – 27)
Set - B

Test PAPER
Class 12
BIOLOGY

T.sign 
Time: 45 min.
Max Marks:20

NAME:-

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Write name in capital letter
ROLL NO:-

0	6			
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General instructions

- 1.All question are compulsory.
- 2.Write neatly and clearly in given space.
- 3.Do not cut or fill the circle given on upper and bottom of paper.
- 4.Write the answer of each question in the space provided

Write the option in capital letters only)
Section A : Write down the correct option for the given questions.

ANS 1:

a

 ✓ 0.5 /0.5

ANS 2:

b

 ✓ 0.5 /0.5

ANS 3:

b

 ✓ 0.5 /0.5

ANS 4:

c

 ✗ 0.0 /0.5

Section B Very Short Answer (2 × 1 = 2 marks)

ANS 5: 0.5

Pollination transfers pollen to stigma; it is not fertilization itself

Pollination is a process in which
pollengrain attaches with ova (egg)
to perform fertilization.

ANS 6:

Wrong function: corpus luteum secretes progesterone, not involved in ovulation. 0.5

Corpus luteum formed after
graafian. lobules it is present
in female primary sex organ
called ovary. it helps to
perform realising of egg from
ovary.

ANS 7:

Wrong identification; endosperm provides nutrition and stores food reserves only. 0.0

Endosperm is female reproductive
part and Angiosperm is
male reproductive part. ~~which~~
Endosperm is consists of style
and ovary (ovary ~~contains~~ contain
ova). Angiosperm is consist of
two part ~~st~~ pollen and
anther (they both are also
known as stigma).

Marks	
Teacher's feedback	

ANS 8:

2.0 ✓

Difference between self pollination and cross pollination is :-	
Self pollination	Cross pollination
• happens in same flower.	• happens in different flower.
• Gametes transfer done in same plant.	• Gametes transfers at different plant
Marks	
Teacher's feedback	

ANS 9:

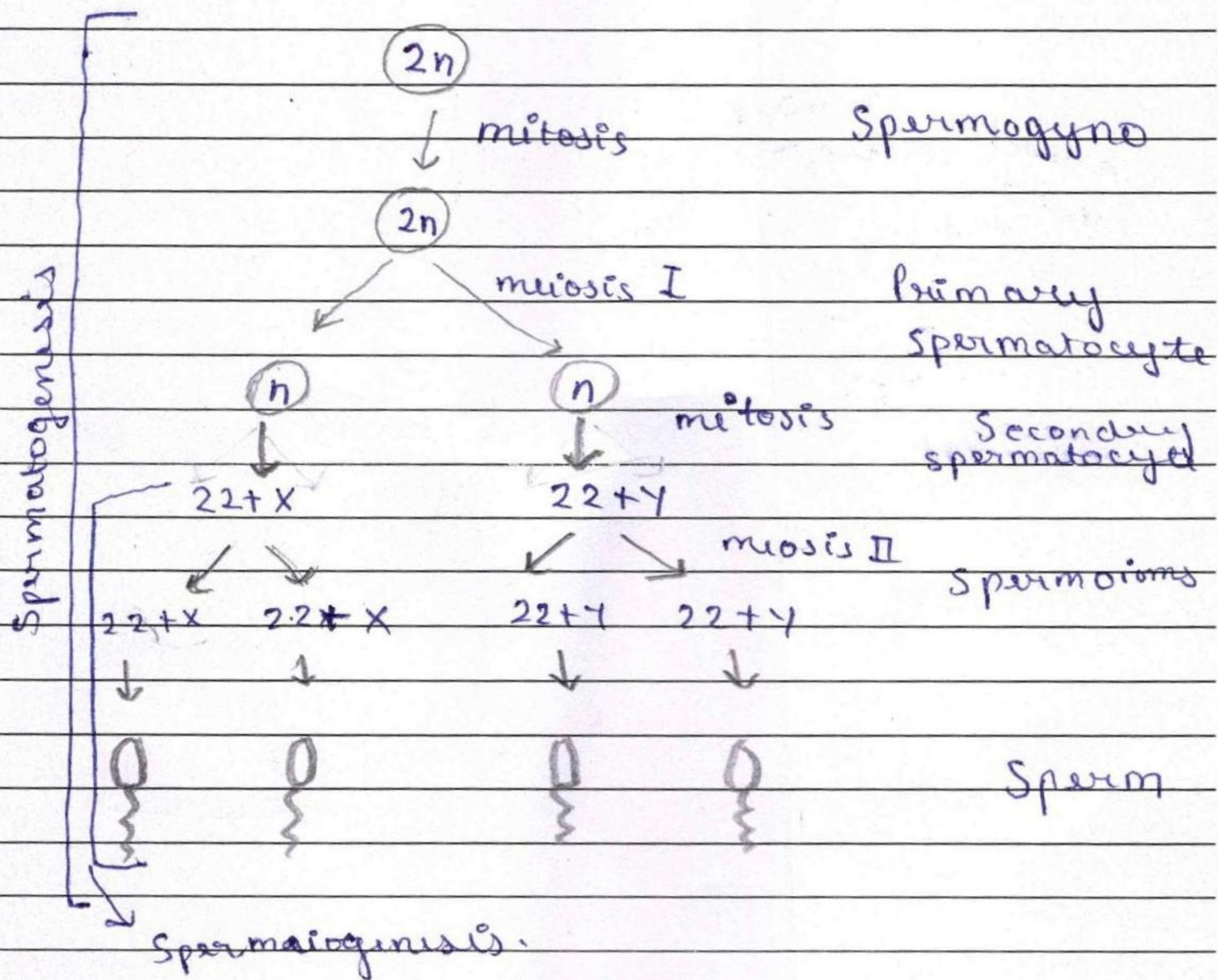
Seminal plasma isn't a gland; it nourishes and protects sperm.

0.0

Seminal plasma is a gland present in urinary bladder. it release hormones as androgen and produces sperm. It is present in male to produce testosterone and conduct circulation of sperm to outside the body.	
Marks	
Teacher's feedback	

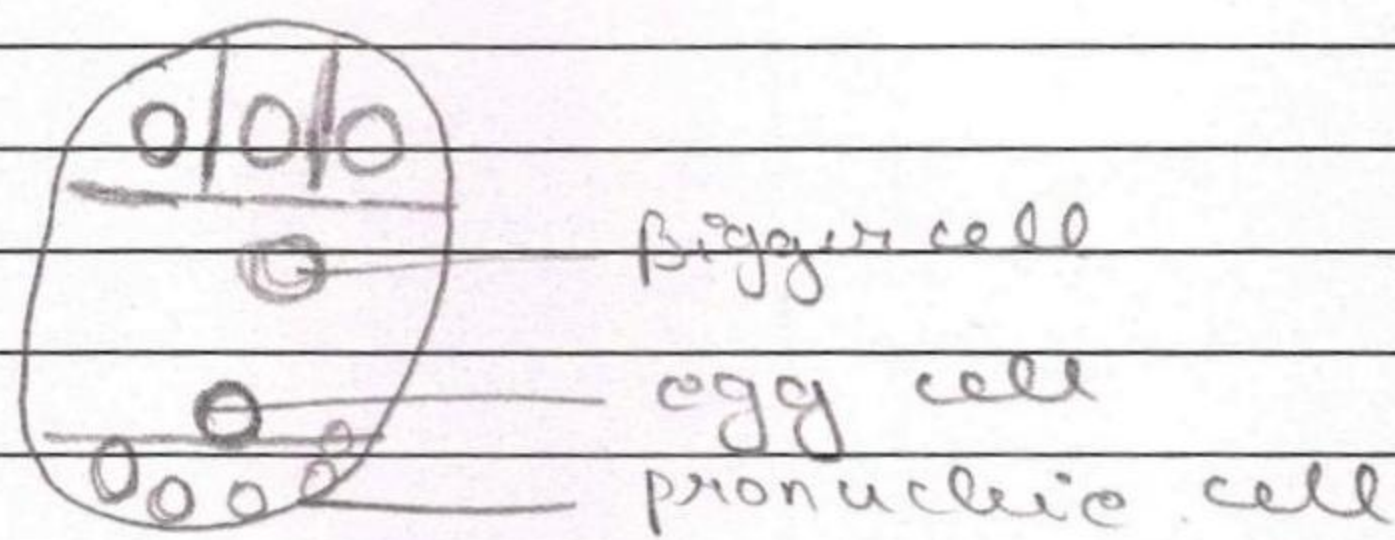
ANS 12:

Spermatogenesis has five phases.
(i) spermatogonia (ii) primary spermatocyte
(iii) secondary spermatocyte (iv) spermiogenesis.
(v) formation of sperm.



Marks	2.0
Teacher's feedback	Spermatogenesis has five phases: (i) spermatogonia (ii) primary spermatocyte (iii) secondary spermatocyte (iv) spermiogenesis (v) formation of sperm.

ANS 13:



In flower male part release two pollengrain , which one further attach to egg known as syngamy and second attach with pronuclear cell known as Triple fertilization. This is the process of two different fertilization and they together known as double fertilization.

So, process of attachment of male gamete to female gamete and formation of zygote is known as fertilization.

Marks	2.0
Teacher's feedback	{Corrected text: In flower, male part releases two pollen grains, one further attaches to egg known as syngamy and second attaches with pronuclear cell known as triple fertilization. This is the process of two different fertilizations and they together are known as double fertilization. So, process of attachment of male gamete to female gamete and formation of zygote is known as fertilization. Feedback: Pollen grain produces two male gametes; one fuses with egg, other with polar nuclei (triple fusion). Show pollen tube diagram}

9.5/20.0

Usha Rani 07:51, 25.08.2026