

IGCSE Biology

Name: _____ Score: _____

1. Asexual reproduction needs how many parents?
 - ☐ none
 - ☐ three
 - ☐ one
 - ☐ two
2. Gametes are:
 - ☐ made by one parent only
 - ☐ the same as zygotes
 - ☐ sex cells with half the chromosome number
 - ☐ identical to body cells
3. Pollen is produced by the:
 - ☐ stigma
 - ☐ style
 - ☐ ovary
 - ☐ anther
4. After landing on the stigma, a pollen grain grows a:
 - ☐ leaf
 - ☐ new flower
 - ☐ root
 - ☐ pollen tube down to the ovule
5. Sperm are produced in the:
 - ☐ ovaries
 - ☐ uterus
 - ☐ testes
 - ☐ oviduct
6. In the placenta, the mother's and baby's blood mix freely.
 - ☐ True ☐ False

7. If the egg is not fertilised, the uterus lining breaks down (a period).

☐ True ☐ False

8. HIV can be caught from hugging or sharing a cup.

☐ True ☐ False

9. Which reproduce asexually? (Select all that apply.)

☐ bacteria dividing in two

☐ a plant growing runners

☐ a baby from two parents

☐ a plant grown from a cutting

Tick every correct option.

10. The cell formed when two gametes fuse is called a zygote.

☐ True ☐ False

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1. **one**

Only one parent is needed.

2. **sex cells with half the chromosome number**

Gametes carry half the chromosomes.

3. **anther**

The anther (part of the stamen) makes pollen.

4. **pollen tube down to the ovule**

The pollen tube carries the male nucleus to the ovule.

5. **testes**

The testes make sperm and testosterone.

6. **False**

False. The two bloods flow close together but do not mix; substances pass across a thin barrier by diffusion, which protects the fetus from blood pressure differences and some pathogens.

7. **True**

The lining is shed if there is no pregnancy.

8. **False**

HIV spreads through specific body fluids, not everyday contact.

9. **bacteria dividing in two; a plant growing runners; a plant grown from a cutting**

A baby from two parents is sexual reproduction.

10. **True**

The zygote grows into a new organism.