

(Done as closed notebook test)

1. DEFINE THE FOLLOWING:

A) Reproduction:

The process by which plants and animals produce more of themselves
(1 mark..... take off 1/2 mark if only said "animals")

B) Sexual reproduction:

Offspring are produced by two parents (1 mark)

C) Asexual reproduction:

Offspring are produced from a single parent (1 mark)

2. Organise the following terms into the table below:

External, budding, regeneration, binary fission, internal, spores, vegetative

Asexual reproduction methods	Sexual reproduction methods
Budding	Internal
Regeneration	External
Binary Fission	
Spores	
Vegetative	(2 marks if all correct. -1/2 for each wrong, minimum of 0)

3. What is the one word scientific name for reproductive (sex) cells?

Gametes (1 mark)

4. What are the specific scientific names for the a) male reproductive cells and b) the female reproductive cells?

a) Sperm b) Eggs (1 mark each)

5. What is the scientific name for a fertilized egg?

Zygote (1 mark)

6. Why is it common for species that reproduce using external fertilisation to release lots of eggs?

To increase the chance of fertilisation

or

Because it increases the chance for offspring to survive (2 marks)

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7. What is one advantage of sexual reproduction (compared to asexual)?

Offspring are different to parents (variation) (2 marks)