



BIOLOGY

NCERT - NCERT BIOLOGY(HINGLISH)

REPRODUCTION IN ORGANISMS

Reproduction In Organism

1. Why is reproduction essential for organism?

2. Which is a better mode of reproduction :

sexual or asexual ? Why ?

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3. Why is the offspring formed by asexual reproduction referred to as clone?

4. Offspring formed due to sexual reproduction have better chances of survival. Why? Is this statement always true?



5. How does the progeny formed from asexual

reproduction differ from those formed by

sexual reproduction?

6. Distinguish between asexual and sexual reproduction. Why is vegetative reproduction also considered as a type of asexual reproduction?

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7. What is vegetative propagation ? Give two

suitable examples.

8. Define

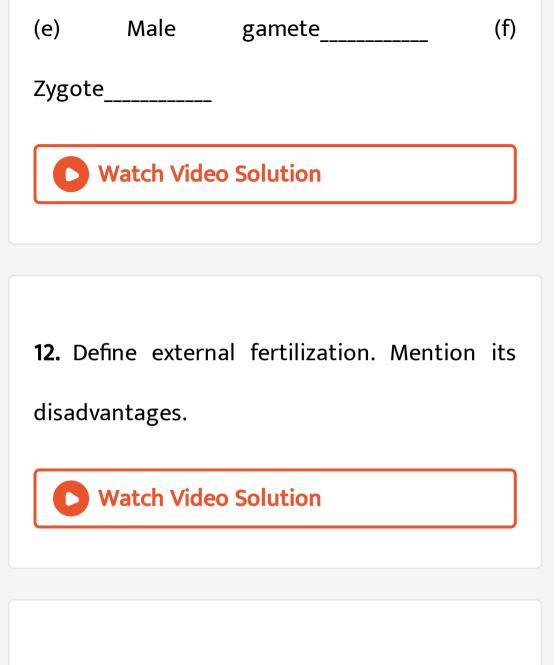
- (a) Juvenile phase,
- (b) Reproductive phase,
- (c) Senescent phase



9. Higher organisms have resorted to sexual

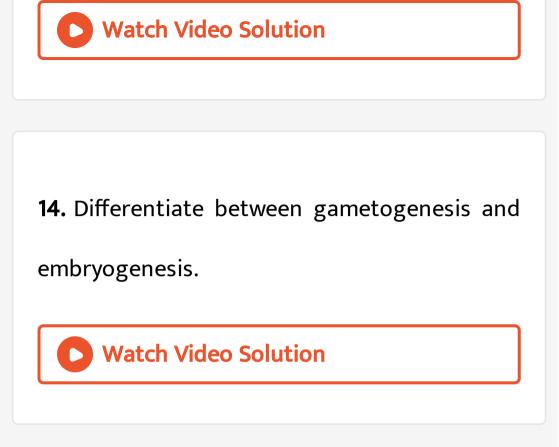
reproduction in spite of its complexity. Why?

| 10. Explain why meiosis and gametogenesis |
|--|
| are always interlinked? |
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| 11. Identify each part in a flowering plant and |
| write whether it is haploid (n) or diploid (2n). |
| (a) Ovary(b) |
| Another |
| (c) Egg(d) Pollen |



13. Differentiate between a zoospore and a

zygote.



15. Describe the post-fertilization changes in a

flower.

16. What is a bisexual flower? Collect five bisexual flowers from your neighbourhood and with the help of your teacher find out their common and scientific names.

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17. Examine a few flowers of any cucurbita plant and try to identify the staminate and pistillate flowers. Do you know any other plant that bears unisexual flowers?

18. Why are offspring of oviparous animals at a greater risk as compared to offspring of viviparous animals?