

Class: 12
Subject: Biology
Topic: Reproduction in organisms
No. of Questions: 18

- Q1. Offspring formed due to sexual reproduction have better chances of survival. Why? Is this statement always true?
- Q2. Why is the offspring formed by asexual reproduction referred to as clone?
- Q3. How does the progeny formed from asexual reproduction differ from those formed by sexual reproduction?
- Q4. Which is better mode of reproduction sexual or asexual?
- Q5. Name an organism where cell division in itself is a mode of reproduction.
- Q6. Name an alga that reproduces asexually through zoospores.
- Q7. Differentiate between the two cells enclosed in a mature male gametophyte of an angiosperm.
- Q8. Differentiate between mRNA and tRNA.
- Q8. Explain isogametes, juvenile phase.
- Q9. Write a note on : Bulbils, clone, embryogenesis, gametogenesis.
- Q9. Explain why meiosis and gametogenesis are always interlinked ?
- Q10. Differentiate between gametogenesis and embryogenesis.
- Q11. 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.
- Q12. Why offspring of oviparous animals are at a greater risk as compared to offsprings of viviparous animals?
- Q13. What is the major difference you observe in offsprings produced by asexual reproduction and in the progeny produced by sexual reproduction?
- Q14. How do roots take part in vegetative propagation?

- Q15. Name at least three changes seen in human females that are indicative of reproductive maturity.
- Q16. Coconut palm is monoecious while date palm is dioecious. Why are they called so?
- Q17. Differentiate between the following:
A. Zoospore and zygote
B. Syngamy and fertilization
- Q18. In angiosperms, the pollen germinates to produce pollen tube that carries two gametes. What is the purpose of carrying two gametes when single gamete can fertilize the egg?

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