

Sexual Reproduction Quiz 75

- 1) a) What is sexual reproduction?
b) Give an advantage of sexual reproduction.
- 2) Explain briefly, what is meant by meiosis.

3) Sexual Reproduction Matching

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| a) results in variation among offspring | zygote | () |
| b) gamete | embryo | () |
| c) gamete from the female | fertilization | () |
| d) zygote divides to form this | sexual reproduction | () |
| e) cell formed when sperm meets egg | sex cell | () |
| f) sperm meets egg | egg | () |
| g) sex cells are produced by these | sperm | () |
| h) gamete from the male | germ cells | () |

- 4) Explain what is meant by the following terms, and give an example.
- a) hermaphrodite
 - b) external fertilization
 - c) internal fertilization
 - d) monoecious plant

e) dioecious plant

5) Sexual Reproduction in Plants Matching

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| a) seed | mature ovary | () |
| b) pollination | female part | () |
| c) stamen | contains sperm | () |
| d) fruit | male part | () |
| e) cross-pollination | pollen comes from another flower | () |
| f) pollen | fertilized egg/embryo | () |
| g) pistil | pollen moves from stamen to pistil | () |

Answers: 1a) It is reproduction which requires two parents., b) The offspring are not exactly like either parent. This can help in survival., 2) It is the process where a parent cell produces daughter cells which have half the number of chromosomes as the parent., 3) e, d, f, a, b, c, h, g., 4)a) These are animals which have male and female sex organs., earthworm, b) Eggs are fertilized outside the body of the female., fish, c) Eggs are fertilized inside the body of the female., humans, d) Male and female parts are found on the same plant., corn, d) Male and female parts are found on separate plants., holly, 5) d, g, f, c, e, a, b.