**AP Biology Pre-Discussion Questions: Interactions 2- Reproduction**

# Questions to answer:

1. Compare the sexual life cycles of fungi, animals, and plants.
2. What features of fungal sexual life cycles do all sexually reproductive fungi have in common?
3. What features of animal sexual life cycles do all sexually reproductive animals have in common?
4. How typical is the menstruation of human females among those of female mammals in general?
5. What features of plant sexual life cycles do all sexually reproductive plants have in common?
6. What is the adaptive advantage of the following aspects of angiosperm reproduction:
	1. pollen
	2. seeds
	3. fruit
	4. flowers

# Things you should make sure you understand:

**(feel free to ask questions about them in class)**

* The adaptive advantages and disadvantages of sexual and asexual life cycles.
* Similarities and difference among asexual and sexual modes of reproduction discussed in this presentation.
* The structures and functions of the male and female human reproductive systems.
* Modes of action of various modes of contraception.
* Ethical issues related to human reproductive therapies and human cloning.
* The development of angiosperm pollen and ova.
* The process of double fertilization in angiosperms.
* The differences between monocots and dicots