# EXAM EXPECTATIONS
# MYP Biology
# "Common Challenge-Reproduction"

**STATE the hormone that stimulates the growth of the ovarian follicle**
**STATE that environmental cues influence reproduction through chemical messengers**
**STATE that internal and external fertilization is seen in a wide range of animals**
**STATE the purpose of life (biological perspective)**
**STATE the most common type (group) of plant on earth today**
**DEFINE hormones, pheromones**
**DEFINE mycelia**
**DEFINE spores**
**DEFINE pollen**
**DEFINE haploid, diploid**
**DEFINE gametes, gonads**
**DEFINE flagella, cilia**
**DEFINE fertilization**
**DEFINE copulation (copulatory organs)**
**DEFINE menstruation, ovulation**
**DEFINE menopause**
**DEFINE hermaphrodite**
**DEFINE puberty**
**LABEL the parts of a flower**
**IDENTIFY features one would expect to find in plants that use wind as a pollinator**
**IDENTIFY the vertebrate we discussed in lecture that utilizes parthenogenetic reproduction**
**IDENTIFY the male and female organs in a flower**
**IDENTIFY the function(s) of mitosis**
**IDENTIFY the type of animals that most frequently uses external fertilization**
**IDENTIFY where fertilization most usually takes place in a human female**
**IDENTIFY the flower part that produces the female gametophyte**
**IDENTIFY the function or role of fruits**
**IDENTIFY the hormones that control the menstrual, there origin and function**
**OUTLINE the trade-offs between external and internal fertilization**
**OUTLINE the trade-offs between asexual and sexual reproduction**
**OUTLINE the reproductive cycle of fungi**
**OUTLINE process by which the human fertilized egg makes it way from the oviduct to the uterus**
**OUTLINE the role of petals in flowers**
**OUTLINE functions of each of the parts of a flower**
**OUTLINE the function of a sperm's acrosome**
**OUTLINE the locations where human sperm cells are produced, matured and stored**
**OUTLINE estrous cycles**
**ANALYZE a phylogenetic tree**
**DESCRIBE the human female's menstrual cycle (ovarian & uterine cycles)**
**DESCRIBE the mating and reproduction of the blueheaded wrasse fish**
**DESCRIBE where a fruit comes from in a flower**
**COMPARE spermatogenesis and oogenesis**
**COMPARE cross fertilization and self fertilization**
**COMPARE spermatocytes and oocytes**
**COMPARE the different asexual modes of reproduction: fragmentation, regeneration, budding**
**COMPARE eutherian and marsupial mammals**
**COMPARE seminal fluid, sperm and semen**
**PREDICT the consequences of removing the seminal vesicle from a human male**
**SUGGEST the adaptive purpose behind specific plant and specific pollinator relationships**
**DISCUSS the effects of climate change on animal reproduction**