

Answer Key

Conception **Union of the male sperm and female ovum**

Crossbreeding **The mating of different breeds of animals**

Embryo **An animal in the early stages of growth prior to birth**

Embryo Transfer **A procedure used in animal breeding in which an embryo is implanted into a surrogate mother**

EPD **Used to predict the performance of future offspring from an individual animal**

Estrus **Period of heat in an female animal**

Estrus Cycle **The reproductive cycle of the female**

Genotype **The genetic makeup of an animal**

Gestation **The period of development in the uterus**

Dam **Female parent**

Lactation **The production of milk**

Linebreeding **Mating of individuals within a particular line or with a shared ancestry.**

Oxytocin **A hormone that is important in milk letdown and contractions.**

Parturition **The act of giving birth**

Pedigree **A certificate that indicates two generations of background genetics**

Purebred **An animal that meets a breeds standards and is registered in that breeds herd books**

Semen **Fluid substance that a male produces in there reproductive system.**

Sire **The male parent.**

Weaning **The manner in which pigs are removed from the sow and are not longer allowed to depend on the mothers milk for food.**

Phenotype **The physical make-up of an animals.**