

Ch. 11: Reproduction and Embryonic Development

1. Asexual reproduction _____

- [One] parent produces genetically [identical] offspring ----- [Two *ولا different غلط*]
- Can proceed via Budding, Fission, and Fragmentation
- Very [rapid] reproduction ----- [*Slow غلط*]

2. Hermaphroditism _____

- [One] individual with [male and female] reproductive systems

3. In Sexual reproduction, sperm may be transferred to the female by _____

- External fertilization
- Internal fertilization

4. Both sexes in humans have _____

- A set of gonads where gametes (sperms & ovum) are produced
- Ducts for gamete transport
- Structures for copulation

5. Human Male Reproductive anatomy has _____

- Testes produce Sperm
- Epididymis stores sperm as they develop further
- several glands contribute to semen
- Seminal vesicles
- Prostate
- Bulbourethral

5. Human Female Reproductive anatomy has _____

- Ovaries contain follicles that Nurture eggs and Produce sex hormones
- Oviducts convey eggs to the uterus where embryos develop
- An uterus opens into the vagina through the cervix
- A vagina Receives the penis during sexual intercourse

6. Which of the following statement is true _____

- Spermatogenesis (the sperm formation) Occurs in seminiferous tubules
- Oogenesis (the egg formation) Occurs in Ovaries

7. Menstrual Cycles Occur about every _____ days

- 28

8. Fertilization is the union of _____

- sperm and egg to form a [diploid zygote] ----- [غلط haploid zygote] [sex organ غلط]

9. Sperm are adapted to reach and fertilize an egg via _____

- [Streamlined] shape moves more easily through fluids ----- [Cubical غلط]
- [Many] mitochondria provide ATP for tail movements ----- [Less غلط]
- Head contains an [acrosome containing penetrating enzymes] ----- [diploid nucleus غلط]

10. Cleavage _____

- is a [rapid] series of cell divisions ----- [slow غلط]
- produces a ball of cells from the zygote

x produces a ball of cells from the zygote called Gastrula < هذي غلط >

11. Gastrula produces _____

- a three-layered embryo