**SOME AGRICULTURAL CONCEPTS ON REPRODUCTION OF ANIMALS.**

**GRADE 12**

The primary sex organs of a bull...

1. The membrane that grows out of the urinary system of the embryo and collects urine from the unborn calf...
2. The secretory glandular tissue that produces milk in the udder...
3. The inner amniotic membrane that contains a fluid called amniotic fluid, which protects the embryo from shocks...
4. A technique in which semen collected from a male animal is placed in the uterus of a female animal...
5. The removal of the testicles in young animals...
6. Empty follicle from which the egg was released to form a yellow body that secretes progesterone...
7. The condition by which the testis stays attached to the body cavity and do not move down into the scrotum...
8. A developing animal formed from fertilized egg...
9. The process by which embryos from the uterus of a genetically superior female animal are removed and placed in the uterus of genetically inferior female animals...
10. Coiled tube lying outside each testis for sperm maturity, storage, concentration and transport ...
11. Muscular tubes, lined with tiny hairs called cilia, leading from the uterus to the ovary...
12. Mammalian embryo from seven weeks after fertilisation...
13. The period from fertilisation to birth...
14. The under development of the reproductive organs such as the ovaries or testis...
15. The condition where the male has an interest in a female but lacks the ability to serve the female...
16. Failure of farm animals to produce gametes to mate or for fertilisation to occur...
17. The period during which the female animal produces milk...
18. Hormonal controlled cycle of activity of the reproductive organs in many female mammals...
19. Period when the female is reproductively receptive to males and able to conceive...
20. Primary sex organs of female animals...
21. The release of a ripe ovum from the ovary...
22. The female hormone that stimulates the release of milk from the udder...
23. Long, thin steel tool used to inject semen from the straw into the uterus of the female animal...
24. The membrane that develops around the embryo and attach it to the uterus...
25. The start of sexual readiness in animals...
26. A mixture of sperms and fluids from the seminal vesicles, the prostate gland and Cowper’s gland...
27. A condition when animals mate but fertilisation does not occur...
28. The process whereby semen is expelled from the penis through powerful contractions...
29. The inner lining of the uterus...
30. Giving birth to piglets...
31. When the female bird e.g. a hen, sits on eggs to keep it warm...
32. Non-identical twins of the opposite sex of which the female is sterile...
33. The release of a large number of mature ova fro fertilisation is called...
34. The yellowish milk secreted for the first three days after calving...
35. Sexual interest or desire in male animals...
36. A protrusion of an organ through the structure that usually contains it...
37. Female calves that have been weaned at about 12 weeks of age...
38. The male hormone responsible for male characteristics
39. The mammary gland or the breast of a cow...

ANSWERS

1. Testis
2. Allantoic membrane
3. Alveoli
4. Amnion
5. Artificial insemination
6. Castration
7. Corpus luteum
8. Cryptochordism
9. Embryo
10. Embryo transfer
11. Epididimis
12. Fallopian tube
13. Foetus
14. Gestation
15. Hypoplasia
16. Impotence
17. Infertility
18. Lactation
19. Oestrus cycle
20. Oestrus
21. Ovaries
22. Ovulation
23. Oxytocin
24. Pistolette
25. Placenta
26. Puberty
27. Semen
28. Sterility
29. Ejaculation
30. Endometrium
31. Farrowing
32. Incubation
33. Freemartin
34. Supeovulation
35. Colostrums
36. Libido
37. Hernias
38. Heifers
39. Testosterone
40. udder