

**Class – VIII**

**SCIENCE**

**Chapter-9**

1. Which life process ensures that a plant or animal species will not disappear from the earth?

Ans. Reproduction

2. Name two animals which reproduce sexually.

Ans. Dog and human

3. Name two animals which reproduce asexually.

Ans. Amoeba and hydra.

4. Which type of reproduction involves gametes?

Ans. Sexual reproduction

5. Give another term for a fertilised egg.

Ans. Zygote

6. Name the process of the fusion of gametes.

Ans. Fertilisation

7. Do all animals give birth to individuals like humans ?

Ans. No

8. What is the other name of sex cells?

Ans. Gametes.

9. What are the organs in humans which produce the gametes?

Ans. Male organ-Testes

Female organ -Ovary

10. What are the male gametes in humans called?

Ans. Sperm

11. What are the female gametes in humans called?

Ans. Ovum

12. Name the technique which is used to help a woman with blocked oviducts to have a baby.

Ans. In vitro fertilisation technique(IVF)

13. Name the process in which parent organism splits to form two or more new organisms.

Ans. Fission

14. Which type of fertilisation takes place in a hen?

Ans. Internal fertilisation

15. Which type of fertilisation takes place in a fish?

Ans. External fertilisation

16. Define sexual reproduction.

Ans. The production of a new organism from two parents by making use of their sex cells is called sexual reproduction.

Eg. Reproduction in human, dog, cat

17. What is asexual reproduction?

Ans. The production of a new organism from a single parent without the involvement of sex cells is called asexual reproduction.

Eg. Reproduction by binary fission

18. What are gametes?

Ans. The cells involved in sexual reproduction are called gametes.

Eg. Sperm and ovum

19. Define fertilisation.

Ans. The fusion of a male gamete with a female gamete to form a zygote during sexual reproduction is called fertilisation.

20. What is internal fertilisation?

Ans. The fertilisation which takes place inside the female body is called internal fertilisation.

21. What is external fertilisation?

Ans, The fertilisation which takes place outside the female body is called external fertilisation.

22. Write the different organs of the male reproductive system.

Ans. Testes, scrotum, epididymis, vas deferens or sperm duct, seminal vesicles, prostate gland, penis, urethra.

23. Write the different organs of the female reproductive system.

Ans. Ovaries, Fallopian tubes or oviducts, uterus, vagina, cervix.

24. Define metamorphosis.

Ans. The transformation of a young one into an adult through a series of changes in form and appearance.