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NCERT Class VIII Science Solutions: Chapter 9- Reproduction in Animals Part 1 (For CBSE, ICSE, IAS, NET, NRA 2022)

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Question 1:

Explain the importance of reproduction in organisms.

Answer:

- Reproduction is essential for the continuation of a species.
- It ensures the continuation of similar kinds of individuals, generation after generation.

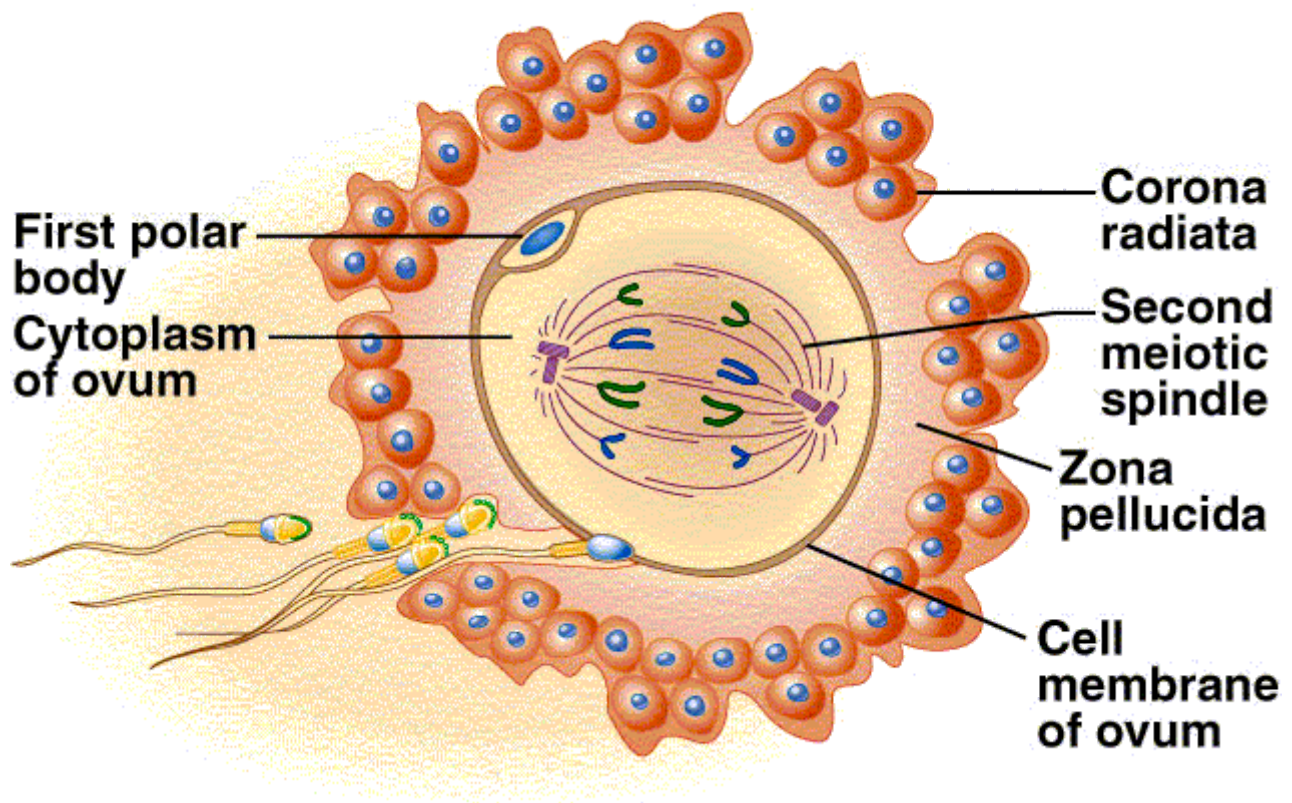
Question 2:

Describe the process of fertilization in human beings.

Answer:

There is sexual reproduction in human beings. Male reproductive organs produce sperms (male gametes) while the female gametes produce ova (female gametes) . The sperms are ejected inside female bodies where they fuse with ovum and forms zygote (called internal fertilization) . The zygote begins to develop into an embryo which attaches to the female uterus wall. The embryo further multiples into many cells and develops further into a small baby called fetus.

Fertilization



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Question 3:

Choose the most appropriate answer:

1. Internal fertilization occurs.
2. In female body.
3. Outside female body.
4. In male body.
5. Outside male body.
6. A tadpole develops into an adult frog by the process of
7. Fertilization.

8. Metamorphosis.
9. Embedding.
10. Budding.
11. The number of nuclei present in a zygote is.
12. None.
13. One.
14. Two.
15. Four.

Answer:

1. Internal fertilization occurs **in female body**.
2. A tadpole develops into an adult frog by the process of **metamorphosis**.
3. The number of nuclei present in a zygote is **one**.

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