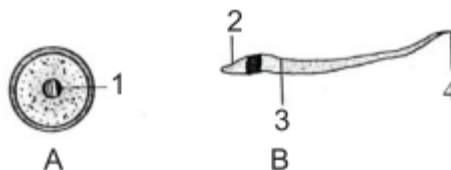


**Q.1. Multiple choice questions: Tick the correct choice.**

- a. The common method of reproduction in bacteria is
  - (a) budding
  - (b) fragmentation
  - (c) binary fission
  - (d) all the above
- b. Budding is commonly seen in
  - (a) yeast
  - (b) grasses
  - (c) Amoeba
  - (d) Spirogyra
- c. Testes are present in a sac called?
  - (a) scrotum
  - (b) oviduct
  - (c) epididymis
  - (d) none
- d. The reproductive organ of a woman is
  - (a) testes
  - (b) ovaries
  - (c) ovum
  - (d) uterus
- e. The cord which connects the mother and the child in uterus is
  - (a) placenta
  - (b) yolk
  - (c) umbilical cord
  - (d) arteries

**Q.2. Which of the following statements are true (T) and which ones are false (F)?****Mark T or F:**

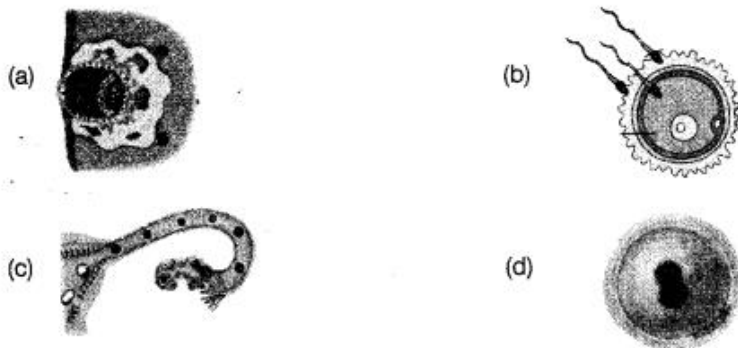
1. Asexual reproduction is more common than the sexual reproduction.
2. Producing life is called respiration.
3. Dogs and cats reproduce from two parents.
4. Bacteria, yeast and amoeba reproduce by sexual reproduction
5. Amoeba is an immortal animal.
6. Hydra reproduces asexually by binary fission.
7. Testes produce sperms called semen.
8. The human reproductive organs in male are known as ovaries.

**Q.3 The figure below shows two reproductive cells:**

- (i) Identify A and B.
- (ii) Label the parts 1, 2, 3, 4.
- (iii) When is 'B' produced?
- (iv) What happens when A and B fuse:  
Product: \_\_\_\_\_ Process: \_\_\_\_\_

**Q.4 Answer the following Questions.**

1. Why is reproduction necessary for living organism?
2. Which part of the human body produces (i) Sperms (ii) Ova?
3. Name the organ involved in the following:
  - (i) Fertilisation of ovum by the sperm.
  - (ii) Passing of sperms from a man to a woman.
4. Describe the male and female reproductive system in human beings.
5. How is fertilization brought about in a flower?
6. Distinguish between:
  - (a) Binary fission & budding
7. What is binary fission?
8. How does hydra reproduce?
9. What are the differences between a sperm and an ovum?
10. Where does human embryo develop?
11. What is the function of placenta?
12. Observe the following figures.



- (i) Identify the stages (a) to (d) in figure during development of human baby.
- (ii) Arrange the stages in correct sequence of development.
- (iii) Explain the development that takes place in any one stage.