

Chapter 3: Reproduction in Animals

Worksheet 1

1. Give one word answer.

- (i) Milky fluid containing sperm
- (ii) The term used for egg-laying animals
- (iii) The fusion of male and female gametes
- (iv) The male gametes in humans
- (v) The embryo which resembles human form

2. Fill in the blanks.

- (i) The male hormone secreted by testes is _____.
- (ii) In humans, fertilisation occurs in _____.
- (iii) The process of formation of sperm and ova is called _____.
- (iv) *Hydra* multiplies by _____.

3. Match the following.

Column A

- (i) *Amoeba*
- (ii) Viviparous animal
- (iii) Fertilised egg
- (iv) Estrogen
- (v) Scrotal sacs

Column B

- (a) Testes
- (b) Ovary
- (c) Binary fission
- (d) Zygote
- (e) Human beings

4. Correct the statements by replacing wrong word(s).

- (i) The human life cycle starts with childhood.
- (ii) The placenta forms a protective bag around the foetus.
- (iii) The ovulation occurs from oviducts.
- (iv) Reptiles are viviparous animals.
- (v) *Amoeba* undergoes budding.

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Worksheet 2

1. Tick the correct answer.

- (i) Which of these is a viviparous animal?
(a) *Amoeba* (b) frog (c) fish (d) dog
- (ii) Gametes in human beings are
(a) sperm and ovum (b) sperm and zygote
(c) ovum and zygote (d) sperm, ovum and zygote
- (iii) Which of these is also a part of male reproductive system?
(a) uterus (b) ureter (c) urethra (d) cervix
- (iv) Testes produce
(a) ovum (b) sperm (c) sperm and ovum (d) semen
- (v) The embryo takes nutrition from
(a) ovaries (b) uterus (c) placenta (d) cervix

2. Name the following.

- (i) Foetus' life support system
(ii) A condition in which a woman carries an embryo attached to her uterine wall
(iii) The full term of development of a baby in the womb
(iv) The pouch outside the body in which testes are placed
(v) The process of development of embryo

3. Encircle the correct word.

- (i) **Fission/Budding** is the development of a new organism as an outgrowth on the parent body.
(ii) **Zygote/Ovum** is the first cell of the new organism.
(iii) **External/Internal** fertilisation occurs in frog.
(iv) The release of mature ovum from **ovary/oviducts** is called **gestation/ovulation**.
(v) The act of giving birth to a baby is called **implantation/parturition**.

4. Draw the following.

- (i) Human gametes – Egg and Sperm
(ii) Process of fertilisation