

**BASANT AVENUE DUGRI ROAD LUDHIANA
CLASS – VIII SCIENCE**

Answer key(Hints) of ASSIGNMENT

CHAPTER –6 (Reproduction in Animals)

**Ans 1. Hints: Male reproductive system- production of sperm by testes-
Female**

**reproductive system- production of ovum by ovary- copulation and
ejaculation-**

fusion of sperm and ovum- zygote formation

**2. Hints: Spawning by male and female frogs- external fertilisation-
hatching**

**of larva- early tadpole- late tadpole- adult frog- definition of metamorphosis
Diagram**

**3. Hints: structure of amoeba- cleaving of nucleus followed by cell-
definition of binary fission- structure of hydra- formation of bud- detaching
of**

hydra- definition of budding

Diagram given in book

**4.Hints : Fertilisation- zygote division- embryo-implantation- characteristics
of foetus- mature baby- parturition**

5. Diagram given in book

**6.Ovulation in female- collection of ovum- collection of sperm- test
tube- fertilisation- zygotic division- 8 celled embryo- implanting in mother's
uterus- normal division- foetus- mature baby- parturition.**

7. Explain the embryonic development in hen.

**Ans. Hints: Internal fertilisation in hen- zygote- movement through oviduct-
shell formation- egg laying- embryo development – incubation- hatching-
chick.**

8. C

9. a

10.d