**Karan Arora**  **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 10th Science Test Max Marks : 25**

**How Do Organisms Reproduce – 1**

**[Asexual Reproduction and Sexual Reproduction in Flowering plants]**

1. What is the function of pollen grains in flowers? [ 1 ]
2. Can you consider cell division as a type of reproduction in unicellular organisms? Give one reason.

[ 1 ]

1. Name the method by which Hydra reproduces? Is this method Asexual or Sexual? [ 1 ]
2. What is gametogenesis? [ 1 ]
3. Which methods will you used for growing Jasmine and rose plants? [ 1 ]
4. What would be the ratio of chromosome number between an egg and its zygote? How is the sperm genetically different from the egg? [ 1 ]
5. Differentiate between self pollination and cross pollination. [ 2 ]
6. Explain male and female reproductive parts of flowering plants. [ 3 ]
7. Write 4 points of difference between asexual and sexual types of reproduction. Describe why variation are observed in the offspring formed by sexual reproduction. [ 3 ]
8. Describe Asexual reproduction in Amoeba. [ 3 ]
9. Explain the process of budding in Hydra with the help of labelled diagrams. [ 3 ]
10. Describe Double fertilization in Plants. [ 5 ]