



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
DEPARTMENT OF SCIENCE**

Subject: Science

Revision worksheet no : 14

Topic: Reproduction

Class: 8

Date of issue: 14/2/18

Name: _____ **Class 8 Sec** _____ **Roll no:** _____

I. Name the following.

1. Male gamete _____
2. Female gamete _____
3. The process by which fusion of male and female gametes take place to produce a new organism _____
4. Fertilized egg is also called _____
5. The process of release of egg from ovary _____
6. The process by which living things produce offspring of their own kind

7. The type of reproduction in which only a single parent is involved _____
8. The stage of an embryo in which all the body parts can be identified

9. The transformation of larva into an adult through drastic changes

10. Production of an exact copy of a cell, any other living parts, or a complete organism

II. Answer the following questions.

Q1. Differentiate between the following:

(a) sexual and asexual reproduction.

(b) oviparous and viviparous animals.

(c) Budding and binary fission.

❖ Fraternal or non-identical twins develop when two separate egg cells get fertilized by two separate sperm cells. Fraternal twins have different physical characteristics and features because they do not share similar chromosomes.



❖ Identical twins develop when a single egg cell gets fertilized by a single sperm; forming a zygote. The zygote splits to form identical twins. Identical twins have same physical features ,with most twins having an exact mirror face of the other

