

Doon Public School

A Senior Secondary School
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Date:17-10 -2018

Subject: Science

Class: X

Q1. What is reproduction? What are its two types? Which one of the two confers new characteristics on the offsprings and how?

Q 2.Variations that confer an advantage to an individual organism only will survive in a population .Justify.

Q 3.The chromosome number of the sexually reproducing parents and their offsprings is the same.Justify this statement.

Q 4.Work done in moving 5C charge across the ends of a conductor is 100J.Find the electric potential.

Q 5. An electric iron draws a current of 0.6A.When the voltage is 100 volt, calculate the amount of electric charge flowing through it in one hour.

Q 6 What do you mean by quantization of charge? Explain.

Q 7. Give any five differences in ionic and covalent compounds.

Q 8.Compare the properties of diamond and graphite (any five).

Q 9.Write a short note on the structure of fullerene.