

# *Doon Public School*

A Senior Secondary School  
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**Assignment-3**

**Subject:Science**

**Class: X**

**Date:02-11-2018**

Q 1.What are sexually transmitted diseases? Name four such diseases. Which one of them damages the immune system of human body ?

Q 2.(a) What is spore formation ?

(b) Draw a diagram showing spore formation in Rhizopus .

(c) List two advantages for organisms to reproduce themselves through spores .

Q 3.List two functions of each one of the following parts of female reproductive system. (1) Ovaries (2) Fallopian tubes (3) Uterus.

Q 4.Draw a well labelled diagram of Human female reproductive System .Explain the menstrual cycle of female.s

Q 5 .What is homologous series?Explain with example.

Q 6.Why are carbon and its compound used as fuels for most applications?

Q 7.Explain series and parallel combination of resistors .Derive an expression for the resultant resistance in each case.

Q 8.What will be the equivalent resistance when two resistors of 2ohm are connected in parallel and then connected to a resistor of 5ohm in series.

Q 9.How the resistivity of a wire changes when its length is doubled and area is also doubled.

Q 10.What does the graph between potential and current signifies?