

**Delhi Public School, Jammu**  
**Assignment (Nov 2017)**

**Class 10th**  
**Science**

- Q1. Why does distilled water not conduct electricity, whereas rain water does?
- Q2. What is a neutralisation reaction? Give two examples.
- Q3. How does the electronic configuration of an atom relate to its position in the Modern Periodic Table?
- Q4. Compare the functioning of alveoli in the lung and nephrons in the kidneys with respect to their structure and functioning.
- Q5. Compare and contrast nervous and hormonal mechanisms for control and coordination in animals.
- Q6. Draw a labelled diagram of the longitudinal section of a flower.
- Q7. What could be the reasons for adopting contraceptive methods?
- Q8. A concave lens has a focal length of 15 cm. At what distance should the object from the lens be placed so that it forms an image at 10 cm from the lens? Also, find the magnification produced by the lens.
- Q9. Why does the Sun appear reddish early in the morning?
- Q10. A battery of 9 V is connected in series with resistors of 0.2ohm, 0.3ohm, 0.4ohm, 0.5ohm and 12ohm, respectively. How much current would flow through the 12ohm resistor?