

DELHI PUBLIC SCHOOL, JAMMU

ASSIGNMENT (Nov 2017)

Sub: Science

CLASS - 9th

Q1. What are the steps you would use for making tea? Use the words solution, solvent, solute, dissolve, insoluble, filtrate and residue?

Q2. How would you confirm that a colorless liquid given to you is pure water?

Q3. Calculate the number of molecules of sulphur present in 16 g of solid sulphur?

Q4. What would happen if the plasma membrane ruptures or breaks down?

Q5. How does Amoeba obtain its food?

Q6. A car accelerates uniformly from 18 km/h to 36 km/h in 5 s. Calculate the acceleration and the distance covered by the car in that time?

Q7. Explain the mathematical formulation of second law of motion?

Q8. Explain the motion of objects under the influence of gravitational force of earth?

Q9. An object weighs 10 N when measured on the surface of earth. What would be its weight when measured on the surface of the moon?

Q10. Why objects float or sink when placed on the surface of water?