

Kendriya Vidyalaya, NDA Pune
Periodic test-I (2018-19) SET-1

Subject: Science
Time: 90min

Class-IX
Max Marks: 40

- Q1. Name a cell organelle which is non-membranous. 1
- Q2. Why is water called universal solvent ? 1
- Q3. Why steam at 100°C is better for heating purposes than water at 100°C ? 2
- Q4. Why are gases compressible but not liquids ? 2
- Q5. If you are provided with some vegetables to cook, you generally add salt into the vegetables. After adding salt, vegetables release water, Why ? 2
- Q6. What is negative acceleration ? 2
- Q7. Why is the epidermis present as a thick waxy coating of cutin in desert plant ? 2
- Q8. Explain interconversion of three states of matter with the help of flowchart, Name the process of each conversion ? 3
- Q9. Write the name of different plant parts in which chromoplast, chloroplast, and leucoplast are present. 3
- Q10. Suggest separation technique(s) one would need to employ to separate the following : 3
- Mixtures-
- (a) Mercury and Water
- (b) Potassium chloride and ammonium chloride
- (c) Common Salt, water and sand
- Q11. Describe any three properties of Colloid 3
- Q12. An athlete completes one round of a circular track of diameter 200m in 40 s what will be Displacement at the end of 2 min and 20 sec ? 5
- Q13. What is a neuron ? Write the structure and functions of neuron. 5
- Q14. Which is the better mounting medium, water or glycerine ? 2
- Q15. How do you separate a mixture of sulphur, iron fillings and salt ? 2
- Q16. What are the characteristic features to identify a nerve cell ? 2