

**CBSE MIXED TEST PAPER-14**  
**CLASS - 9 SCIENCE SECOND UNIT TEST**

**General Instruction:**

- (1) Attempt all the questions
- (2) Draw diagram where – ever necessary

1.

1. What is pure substance.
2. Name the technique to separate butter from curd.
3. Define tissue.
4. What happens when force is applied to an object
5. What is the S.I. unit of force?
6. Where is apical meristem found?
7. Name the tissue responsible for movements in our body.
8. In which kingdom will you place an organism which is single celled, eukaryotic and Photosynthetic.

2.

1. Differentiate ligament and Tendon
2. What will be the acceleration of a body of mass 5kg if a force of 200 N is applied on it?
3. How many types of elements together make xylem tissues? Name them.
4. A solution contains 40 gm of common salt in 320 gms of water. Calculate the concentration in terms of mass by mass percentage of solution
5. Describe an activity to separate dye of ink using chromatography.

3.

1. How can we separate a mixture of salt and Ammonium Chloride. Explain with diagram.
2. Why does the passenger in a bus tend to fall backwards when it starts suddenly?
3. Draw the diagram of Nerve cell and label it.
4. Differentiate Parenchyma, Collenchyma and Sclerenchyma tissue.

4. Define suspension. Write two properties of each giving examples

5. State Newton's second law of motion. How it can be used to define the unit of force.