

**Delhi public academy**

**CLASS-9**

**Sub-Science**

**Holiday homework**

Qus.1. Prepare a project file on cell and its organelles with their organelles diagram.

Ques2. Prepare a file on communi-cable and non-communicable diseases and also describes the methods of transmission of diseases.

Que.3 write electronic configuration of the elements with an atomic number 1 to 30 and draw their schematic atomic structure also.

Q4 Write different process of separation of pure substance from their solution:

**(Activity)**

1. How can we obtain colored component (dye) from blue/black ink?

2. How can we separate a mixture of two immiscible liquids?

3. How can we separate a mixture of Salt and Camphor?

Que.5. Draw the image formation of concave mirror, convex mirror, concave lens and convex lens.