

# **DELHI PUBLIC SCHOOL JAMMU**

## **ASSIGNMENT PERIODIC TEST-1(SESSION-2018-19)**

**CLASS-X**

**SUBJECT:SCIENCE**

### **PHYSICS**

- Q1 What does an electric current mean?
- Q2 Calculate the number of electrons constituting one coulomb of charge.
- Q3 On what factor does the resistance of a conductor depend?
- Q4 List the properties of magnetic field lines.
- Q5 How is the fuse connected in an electric circuit?
- Q6 Why is electromagnetic induction so called?
- Q7 Why is a fuse usually made of tin or tin-copper alloy?
- Q8 On what effect of electricity does fuse work?
- Q9 What happens if a current carrying conductor is placed in the magnetic field?
- Q10 What is the capacity of a fuse commonly used in domestic electrical fittings?

### **CHEMISTRY**

- Q11 Why do iron articles lose their shine gradually?
- Q12 State one industrial application of neutralisation reaction.
- Q13 What type of chemical reaction takes place when silver bromide is exposed to sunlight?
- Q14 Why should curd and sour substances not be kept in brass and copper vessels?
- Q15 Why does an aqueous solution of an acid conduct electricity?
- Q16 Write an equation to show the reaction between plaster of paris and water.
- Q17 Name the substances which on treatment with chlorine yields bleaching powder.
- Q18 What is the commercial name of calcium sulphate hemihydrates?

### **BIOLOGY**

- Q19 What is life process?
- Q20 What is nutrition? What are the different types of nutrition?

Q21 Explain respiratory system in human beings.

Q22 What are the main function of kidneys?

Q23 Explain artificial kidney.

Q24 What are the different types of teeth in human mouth?

Q25 What are the importance of photosynthesis?

**Chapters:**

1.life process

2.Electricity

3.Magnetic effects of current

4.Chemical reactions and equations

5.Acids bases and salts