

- ① Nitrogen is an essential nutrient for plant growth but farmers who cultivate pulses crops like green gram, black gram etc., do not apply nitrogenous fertilisers during cultivation, why?
- ② Draw and write down the function of each type of teeth?
- ③ Why do we not wait for the silk moth to hatch and then boil the cocoon?
- ④ Why gaps are left between the two sections of rail tracks?
- ⑤ Rohan observe the following while doing an experiment

Solution	P	Q	R	S
Blue litmus	Red	Pink	No change	No change
Red litmus	No change	No change	Blue	Mauve

- ⑥ Which of these is acidic and basic.
- ⑦ Which of the two solution react to show neutralisation reaction and why?

⑥ LPG gas is used as fuel in kitchen. It exists as a liquid in cylinder. When it comes out of cylinder it becomes a gas (change A). It burns to produce heat energy (change B). What kind of changes are these and why?

⑦ Write down an activity to show that heat travels through solid by conduction?

⑧ Complete the equation :-

① acid + metals \rightarrow _____ + _____

② Acid + metal carbonate \rightarrow _____ + _____ + _____

③ Acid + base \rightarrow _____ + _____ + _____

⑨ ① Make a chart to depict the examples of conductor and insulator of electricity?
(Roll no. 1-18)

② Make a chart to explain sea breeze and land breeze with diagram?
(Roll no. 19-36)

⑩ ① Make a chart on Human digestive system.
(Roll no. 1-18)

② Make a chart on life cycle of silk worm.
(Roll no. 19-36)

Note: Last date to submit holiday homework is 4-7-18.