

DELHI PUBLIC SCHOOL, JAMMU
Date: 27th APRIL, 2021, Assignment -1

CLASS: X

SUB: CHEMISTRY

Topic: Chemical reactions and Equations

Based on your understanding of the E- Lectures-cum-PPT's, video links and other e-resources shared with you, answer the following questions.

Q1: Why should magnesium ribbon be cleaned before burning in air? (1)

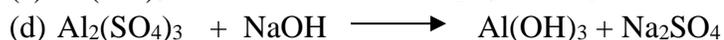
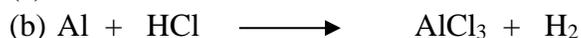
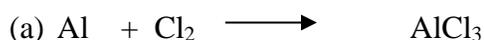
Q2: What is the difference between displacement and double displacement reactions? Write equations for the chemical reactions. (2)

Q3: List two observations that are noticed when an iron nail is put inside copper sulphate solution. Write the chemical equation for the reaction that occurs. (2)

Q4. Design an activity to demonstrate the decomposition reaction of lead nitrate. Write the balanced chemical equation for the reaction stating the physical state of the reactants and the products. (3)

Q5. What do you understand by exothermic and endothermic reactions? Give examples. (3)

Q6. Write the balanced chemical equations for the following reactions. (5)



You-tube links

1. <https://www.youtube.com/watch?v=wwjqpuv9ele>
2. <https://www.youtube.com/watch?v=jYVjk-mjZgc>

Note:

1. Due Date of Submission: 1st May, 2021

2. Send your answers here:

a) jasleenkour2792@gmail.com for classes XA, XB, XC

b) bhartimunshi@gmail.com for classes XD, XE, XF

c) tanvinderkour@gmail.com for classes XG, XH

d) deepshak.saini24@gmail.com for class XI, XJ

3. Students must mention their name, class/section and date in their assignments

4. Your assignment will be marked for Internal /Term assessments. Therefore, it is necessary for you to submit it on time.