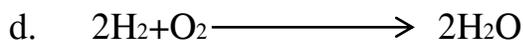
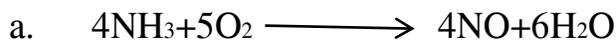




Q.1. Identify the reducing agent in the following reaction.



Q.2. Identify the oxidizing agent in the following reaction.



Q.3. Write the balanced chemical equations for the following and identify the type of reaction in each case.

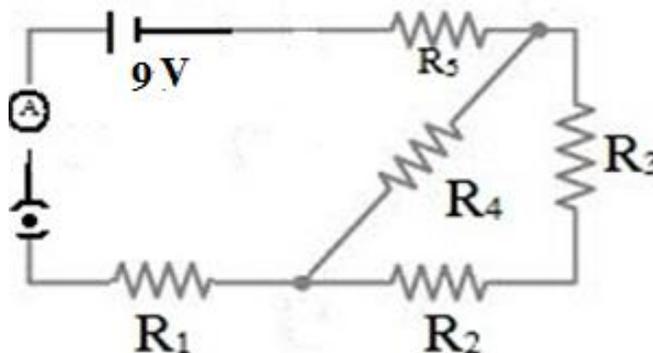
a. Thermite reaction, iron (III) oxide reacts with aluminium and gives molten iron & aluminium oxide.

b. Magnesium ribbon is burnt in an atmosphere of nitrogen gas to form solid magnesium nitride.

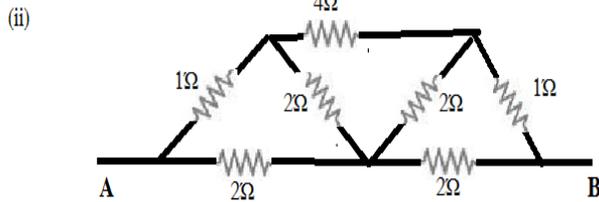
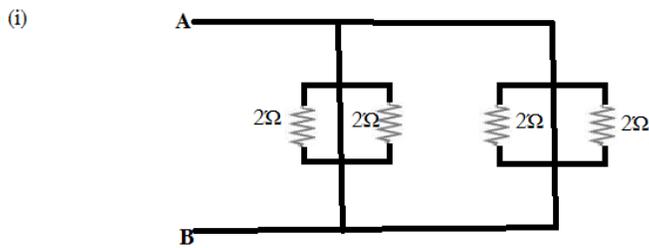
c. Ethane is burnt in air to form Carbon-di-oxide water & releases heat.

Q.4. State the names of at least 30 acids, bases & salts which we use in our daily life. 10 each of acid, base & salt. Write their Chemical names and paste their pictures in your holiday home work copy. Also state its uses. Paste pictures properly of all acids, bases and salts.

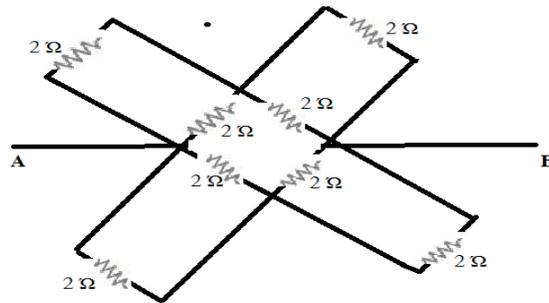
Q.5. Consider the following circuit diagram. If $R_1 = R_2 = R_3 = R_4 = R_5 = 3 \Omega$. Find equivalent resistance of the circuit and also find the current in the circuit.



Q.6. Calculate total resistance in following circuits.



Q.7. Calculate total resistance.



Q.8. Draw a simple circuit diagram consisting of all the elements which you have studied in chapter 12 and write uses also of each component.

Q.9. Draw a neat and well labeled structure of human Brain on a chart paper. (for odd roll no.'s)

Or

Draw a well labeled and neat structure of Neurons and also state its parts function on the chart paper. (for even roll no.'s)

Q.10. Complete NCERT questions of chapter-7 i.e., control & coordination in your class-work copies.

Note:-

- Do all these question in a separate file excepts question on 9 & 10. Q. 9 has to be done on chart paper and Q. 10 is to be done in class work fair copy.
- Prepare all the four chapters in holiday. Ch- 1, 2, 12 & 17