1.Explain the process of neutralization with one daily life example.

2.Draw and explain a simple electric circuit with a cell, bulb, and switch.

3.Compare metals and non-metals on the basis of:

(a) Conductivity

(b) Malleability

(c) Sonority

4.Differentiate between physical and chemical changes with examples.

5.Name one non-metal that is lustrous.

6.Write the word equation for burning of magnesium ribbon

7.Turmeric turns red in:

a) Acid

b) Base

c) Neutral solution

d) Water

8.The metal used in electric wires is:

a) Sulphur

b) Copper

c) Phosphorus

d) Carbon

9.Rust is formed on:

a) Aluminium

b) Iron

c) Copper

d) Silver

10.Which of the following is a chemical change?

a) Melting of ice

b) Boiling of water

c) Burning of paper

d) Cutting of wood

11.Graphite is a:

a) Metal

b) Non-metal

c) Metalloid

d) Acid

State TRUE OR FALSE

12.Lemon juice is acidic.

13.All non-metals are poor conductors of electricity.

14.Burning of candle is only a physical change.

15.Electric current can pass through pure water easily.

16.Neutralization produces salt and water.

17.

Column A.	Column B
Acid	a. Rusting
Base	b. Copper
Good conductor.	c. Bitter taste
Chemical change.	d. Sour taste

Summer vacation Homework

Class VII

1. Write 15 pairs of opposites.
   Example: hot – cold.

2. Write an informal letter to your friend describing your summer vacation plans.
   [Q. You are planning your summer vacation. Write a letter to your friend describing your plans, including where you will go, what you will do, and why you are excited.]

3. Write one descriptive paragraph (80–100 words) on “My Favourite Place”OR “A Rainy Day”

4. Write a dialogue between:
   Two friends planning a summer trip. (8 -10 dialogues)

5. Write 10 sentences using different prepositions
   (in, on, under, behind, between, near, etc.)

6. Write 10 pairs of homophones and use each in a sentence.
   Example: pair – pear

7. Write 2 messages on:

   (i) Informing your friend about a class timing change

   [Q. You came to know that your school class timing has been changed. Your friend was absent today. Write a message informing your friend about the change in class timing.]

   (ii) Leaving a message for your mother

   [Q. You are going out to the market. Your mother is not at home. Write a message for your mother telling her where you are going and when you will return.]

8. Write Poetic Devices with five examples (Simile, Metaphor, Alliteration and Irony).

9. Write a notice on:
   “Summer Camp in School”
   (Include: heading, date, content, and signature).

10. Complete all the questions given in Let us discuss, Let us think and reflect, and Let us learn of Chapter The Day the River Spoke, and Try Again.

Instructions

*Maintain neat handwriting.
*Decorate your work creatively.
*Submit the homework on the first day after vacation.
*Practice reading and speaking English daily.
* Complete all tasks neatly in your English notebook.