

HW for class 7th

Date.28.5.20

English

Exercise -1

Identify the type of sentence:

1. How beautiful is the day!
2. Sachin is a great cricketer.
3. What on earth are you doing?
4. I cannot believe him to be the murderer.
5. Do you want coffee?
6. Cats catch mice.
7. Elephants have a good memory.
8. What a beautiful view of the mountains!
9. Go to your room.
10. I do not go to school.

Social Science

Chapter-The structure of the Earth

Q.1 Define the characteristics of Sedimentary rocks?*

Answer

- (1) these rocks are made up of particles of various sizes.
- (2) These rocks are mostly formed under water and have marks of waves and Mud-cracks.
- (3) They are found in horizontal layers
- (4) these rocks are softer than igneous rocks.
- (5) These rocks also contain remains of plants and animals called fossils.

Q.2 Define metamorphic rocks and give it's examples?

Answer

Under very high temperature and pressure, igneous and Sedimentary rocks change their form . Such changed rocks are called metamorphic rocks.

Ex. Marble, gneiss,,Slate, and quartzite.

Q.3 What are the characteristics of Metamorphic rocks ?

Answer.

- (1) These rocks are very hard and closed, banded structures.
- (2) These rocks are very hard and have a high specific gravity.
- (3) These rocks don't have any empty spaces in them.
- (4) After changes these rocks remain in the original position.

Maths

- 1.) Verify the distributive property for $a=12$, $b=-2$, $c=8$

- 2.) Find the absolute value of $-|-5|$
- 3.) Prove that $a+b=b+a$ for any Integer.
- 4.) Find the sum of first five negative Integer.

Science

Q1. What are the two main chemical groups of acids?

Ans: Organic acid- these acids comes from plant and animals, they include carbon as one of the element. Example - acetic acid, citric acid, lactic acid malic acid, oxalic acid tartaric acid.

Inorganic acid - these do not contain carbon, they are also called mineral acids. Example- hydrochloric acid HCL, nitric acid HNO₃, phosphoric acid H₃PO₄, Sulphuric acid H₂SO₄

Q2. What do you mean by a neutralization reaction?

Ans: Neutralization reaction is the process in which an acid reacts with a base to produce salt and water while evolving a good amount of heat. In this reaction, both the acid and base loose their properties to produce a new substance which is neutral in nature, i.e., the salt formed will neither be acidic nor basic.

Acid + Base \rightarrow Salt + Water [with evolution of heat]

Q3. Give two main uses each of

- (a) sulphuric acid
- (b) hydrochloric acid
- (c) nitric acid

Ans:(a) sulphuric acid

Used in batteries for inverters, trucks and cars

Used in manufacture of fertilizers, dyes and paints

(b) hydrochloric acid

Used for cleaning kitchen sinks and sanitary ware

In refining common salt

(c) nitric acid

Used in manufacture of fertilizers and explosives

In purification of nobel metals like silver and gold