Girls' High School & College, Prayagraj

Worksheet No. - 4

Session 2020-2021

Class - IX A B C D E

Subject- Geography

Chapter – Earth's Structure

Map work- Rivers

Instructions:- Parents are expected to ensure that the student spends two days to read and understand the chapter according to the Books/websites referred and thereafter answer the given questions. Students can also refer to books of Class 6,7and 8.

1. **ICSE Geography- Veena Bhargava**
2. **Total Geography – Jasmine Rachel, Dolly Sequeira**

Q.1:- Answer briefly :-

1. Name the three realms of the Earth.

2. What can the change in temperature, pressure and density in the

Earth's interior estimated by?

3. **At what rate does the temperature increase below the surface of the Earth.**
4. **What is the temperature at the depth of 48 km?**
5. **What is the source of lava eruption?**
6. **What is the approx. temperature of the Centre or Core of the Earth?**
7. **Name the two radioactive minerals which are an important source of heat in the upper layers of the Earth.**
8. **What is the Earth composed of?**
9. **Name the solid or continental part of the Earth's crust.**
10. **Name the lower continuous layer.**
11. **What does the uppermost part of the crust consist of?**
12. **What is the depth of mantle?**
13. **Name the two divisions of mantle.**
14. **What are the two layers of Core?**
15. **What is common black volcanic lava called?**

Q.2:- Define the following:-

1) Mohorovicic Discontinuity.

2) Lithosphere

3) Core

4) Nife.

Q.3:- Give Reasons:-

1) The temperature increases as we go down (underground).

2) Minerals are more abundant upto a depth of about 100 km.

Q.4:- Distinguish between

1) Sial and Sima

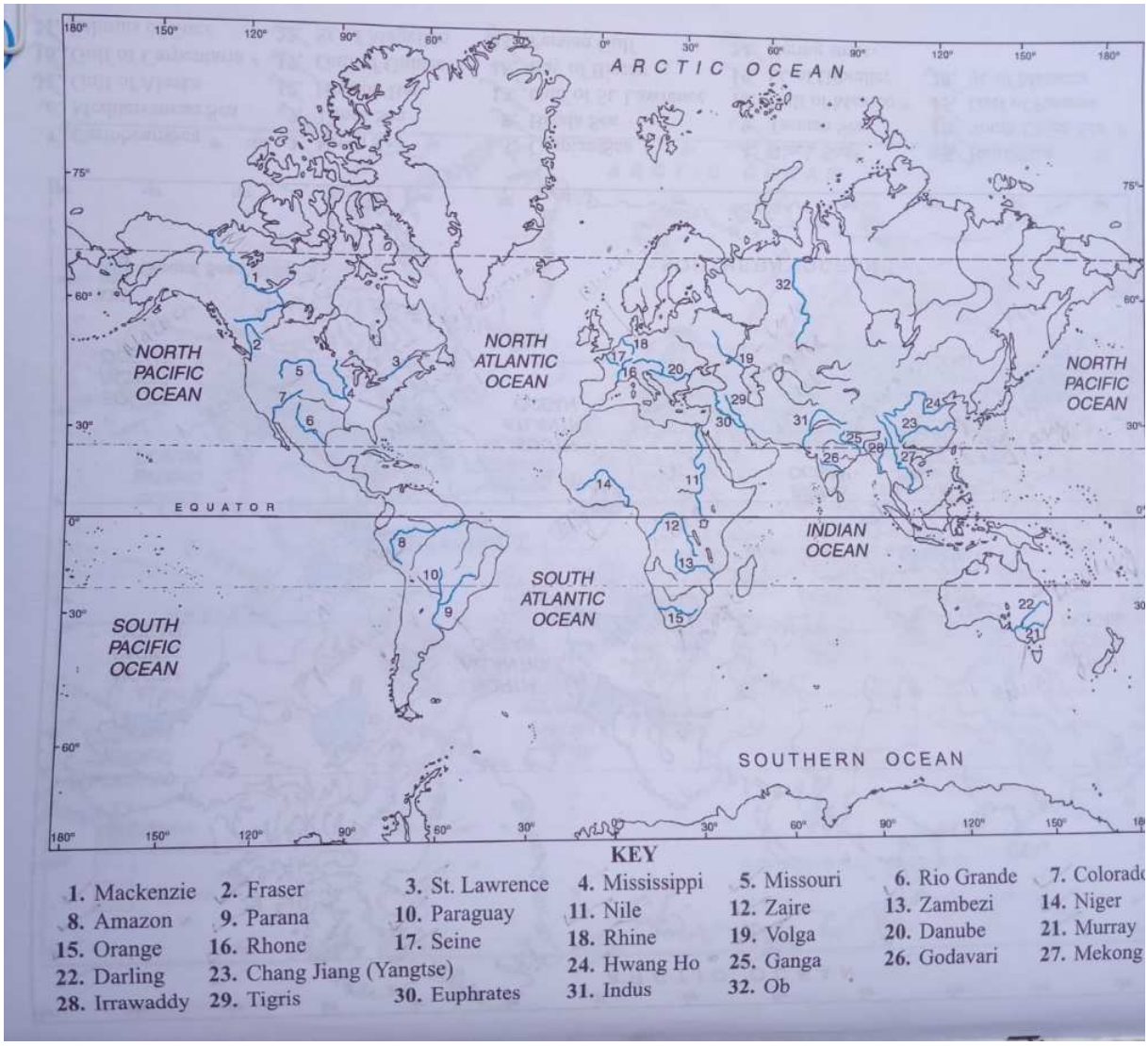
2) Crust and Mantle.

Q.5:- Draw and label the diagrams neatly.

1) Earth's Structure

2) Lithosphere.

Q.6:- Kindly refer to the map given below and practice the Rivers on the World Map (with marked lines for Rivers)



Q.7:- Answer in detail:-

1) State the composition of SIAL.

2) What are the thermal conditions of the Earth?

3) Describe the Gutenburg Discontinuity.

END