ROCKS AND MINERALS
1. What are rocks?
2. Define minerals.
3. Distinguish between rocks and minerals.
4. Draw a neat diagram to show the structure of the earth.
5. What is the difference between the outer and inner core.
6. State the characteristics of mantle.
7. State the classification of rocks based on their formation using a flow chart.
8. Differentiate between the sedimentary and metamorphic rocks.
9. What are different types of metamorphism?
10. Explain the rock cycle with a neat labeled diagram.

WEATHER AND CLIMATE
1. State the elements of weather and climate.
2. State the difference between the solar radiation and insolation.
3. Explain why are temperatures lowest just before dawn?.
4. Draw a neat diagram to show pressure belts of the earth.
5. Differentiate between the a. permanent and periodic winds b.Variable and local winds
6. Name the different permanent winds.
7. Draw a neat labeled diagram to show the pressure belts and wind system.
8. Differentiate between Trade wind and westerlies: westerlies and polar easterlies.
9. Name the different forms of precipitation.
10. Name the different types of rainfall.

WATER
1. State the uses of water for humans.
2. Explain the water cycle using a neat diagram.
3. State the different ways to conserve the water resources on the earth.
4. Name the different types of water movements on the earth.
5. State the formation of waves on the earth using a neat diagram.
6. Describe the structure of the wave using a neat diagram.
7. Draw a neat labelled diagram of the two types of tides
8. What are the different types of tides?
9. What factors influences the ocean currents?
10. Differentiate between the tides and waves; warm current and cold current.

HUMAN SETTLEMENT
1. What are settlements?
2. Classify the settlements with the help of a flow chart.
3. Discuss the difference of rural and urban settlements.
4. How are rural and urban settlements linked?
AMAZON BASIN
1. What are the different ways in which the rain forests are depleting in the Amazon region?
2. Name the mineral resources found over the Amazon region.
3. Name the plantation crops which are grown in the Amazon rain forest.
4. What are selvas?
5. How is the slash and burn agriculture affecting the soil of Amazon rain forest? What is slash and burn agriculture called in India?