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Ch-2
The interior of Earth
Worksheet

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1) What happens to the temperature as you travel closer towards the centre of the Earth?

Ans) The temperature increases as we travel closer towards the centre of the Earth. The Earth gets hotter as we move towards to centre.

2) What happens to the pressure as you travel down?

Ans) The pressure also increases as we travel down.

3) Name the three main layers that make up the Earth's interior.

Ans) The three main layers that make up the Earth's interior are:-

→ Crust

→ Mantle

→ Core

4) What is the Earth's crust made of?

Ans) It is made up of silica and aluminium. It's called SIAL.

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5) True or false

The Earth's crust includes both the ocean floor and dry land. [True]

6) Name the two types of Earth's crust.

Ans) The two types of Earth's crust are oceanic crust and continental crust.

7) Why do you think the ocean crust contains rocks that are more dense than the rocks found on land?

Ans) The oceanic crust consists of a volcanic lava rock called basalt. Basaltic rocks of the ocean plates are much denser and heavier than the granitic rock of the continental plates. Because of this the continents ride on the denser oceanic plates.

8) What does the layer of mantle consist of?

Ans) The layer of mantle consists of upper mantle and lower mantle.

9) What makes up the lithosphere?

Ans) The lithosphere makes up of the crust and outer part of the mantle.

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10) Right below the lithosphere is a layer of mantle that is made of softer rock called the asthenosphere.

11) How deep is the mantle?
Ans) Depth of mantle is around 2890 kms.

12) The earth's core is made of two parts. What are they?

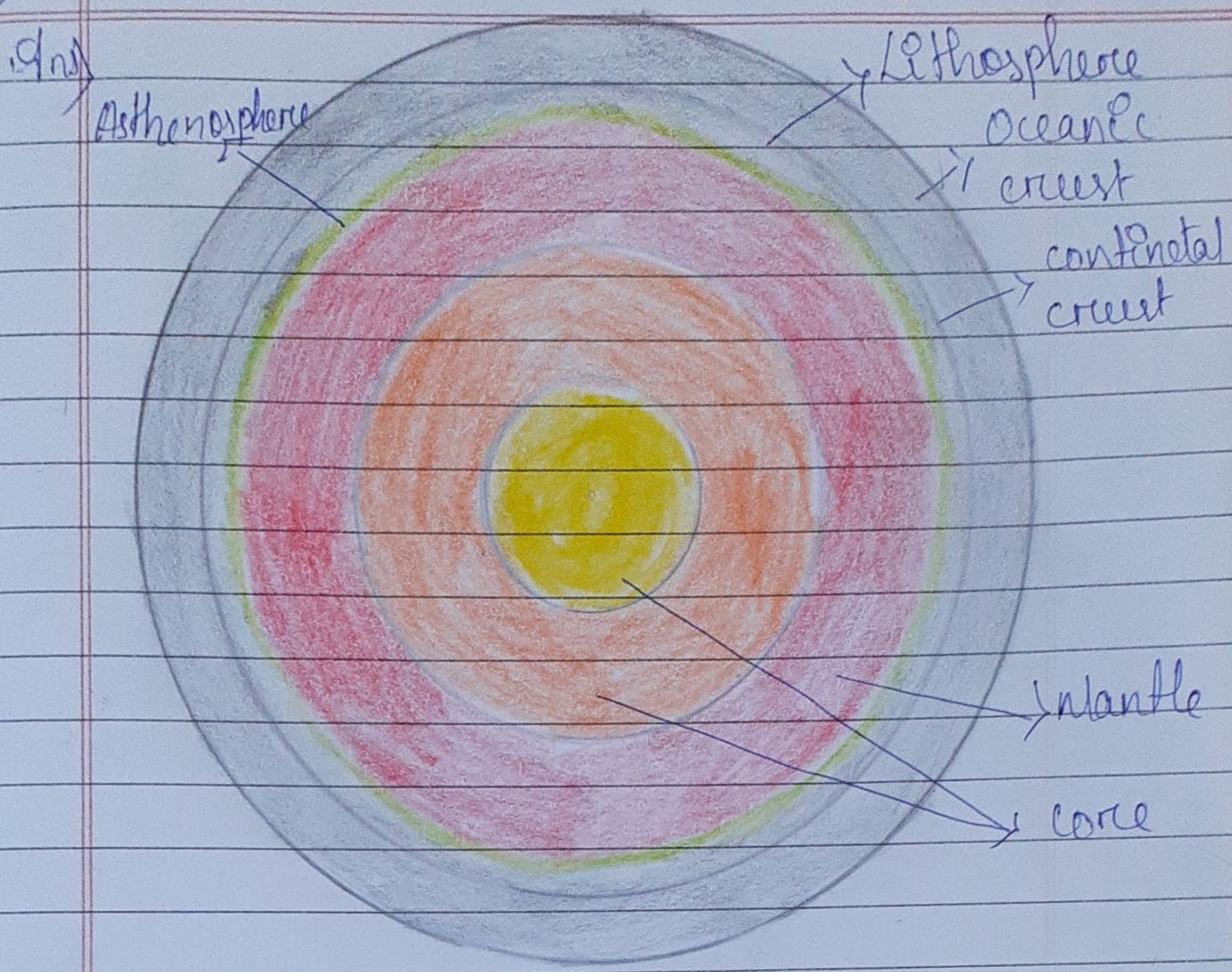
Ans) The earth's core is made of two parts. They are: the outer core and the inner core.

13) Which two metals make up both parts of the core?

Ans) The two metals make up both parts of the core are iron and nickel.

14) Label the layers of the Earth on the drawing below with the words given. Color each layer a different color.

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Keys for layers

- Lithosphere = Grey
- Asthenosphere = Green
- Mantle = Red
- Core = Orange and yellow