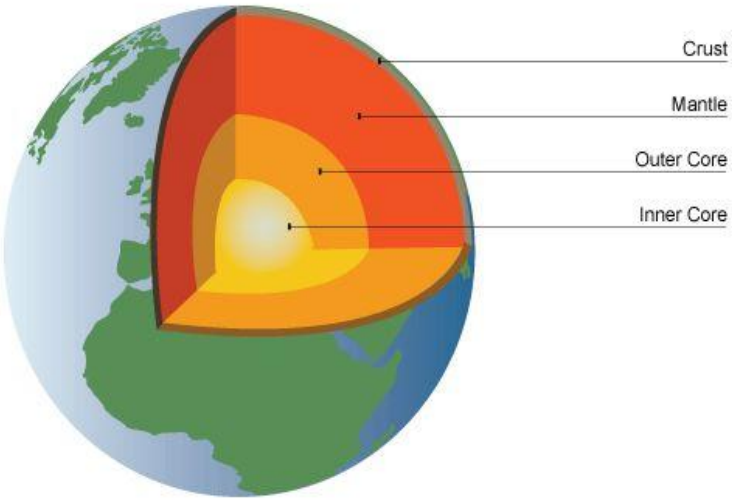
INDIAN SCHOOL AL WADI AL KABIR

Class: VII	Department: Social Science	Sub: Geography
Worksheet No: 5	Topic: Inside Our Earth	Year: 2025-26

1	**Choose the correct option: -**
1	The uppermost layer of the Earth is called a) **Crust** b) Mantle c) Core d) None of these
2	Where is the deepest mine in the world located? a) **South Africa** b) South America c) North America d) North Africa
3	Which one of the following is an igneous rock. a) Limestone b) **Basalt** c) Marble d) Slate
4	The remains of the dead plants and animals trapped in the layers of rocks are called a) Rocks b) Conventional c) **Fossils** d) Minerals
II	**Fill in the blanks: -**
5	The Sima layer is formed by _____ and _____. **Silica and Magnesium**
6	Granite is an example of _____. **Igneous Rock**
7	The inner most layer is the core with a radius of about _____ kms. **3500 kms**
8	Latin word for igneous is Ignis meaning _____. **Fire**
9	Any natural mass of mineral matter that makes up the earth's crust is called _____. **Rock**
III	**Short Answer Questions: -**
10	**What is the core of the earth made up of?** It is mainly made up of nickel and iron.
11	**Name the monument in India which is made of red sandstone?** The Red Fort is made of red sandstone.
12	**What are minerals?** Minerals are naturally occurring substances which have certain physical properties and definite chemical composition.
IV	**Answer in detail:-**
13	**Give an account of sedimentary rocks.** • The small particles are called sediments. • These sediments are transported and deposited by wind, water etc. in low areas. • These loose sediments are compressed and hardened to form layers of rocks. • These layered rocks are called sedimentary rocks. Examples: • Sandstone. • These rocks also contain fossils of plants, animals and other micro-organisms that once lived on them.
14	**How are minerals useful for the mankind?**

	• Minerals are very useful for mankind. • Some minerals like coal, natural gas and petroleum are used as fuels. • They are also used in industries. Iron, aluminum, gold, uranium etc. are used in medicine, in fertilizers etc.
15	**Explain rocks and their usefulness.** • The mass of the mineral matter which is responsible for making the earth's crust is known as rock. • With the action of heat and pressure, igneous and sedimentary rocks get transformed into metamorphic rocks. • Rocks are used for multiple purposes like in jewellery making, construction of roads, buildings, bridges, etc.
V	**Diagram Based Questions: -**
16	Draw a neat labelled diagram of the interior of the Earth. 
17	Draw a neat labelled diagram of the rock cycle.