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BASED ON N.C.E.R.T PATTERN

CHAPTER : 9 TYPES OF ROCKS AND MINERALS
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Ans 1. Metamorphic rocks form when rocks are subjected to high heat, high pressure, hot mineral-rich fluids or, more commonly, some combination of these factors. Conditions like these are found deep within the Earth or where tectonic plates meet.

Ans 2. Common metamorphic rocks include phyllite, schist, gneiss, quartzite and marble.

Ans 3. The building material used is brick-in-lime mortar veneered with red sandstone and marble and inlay work of precious/semi precious stones. The mosque and the guest

house in the Taj Mahal complex are built of red sandstone in contrast to the marble tomb in the centre.

Ans 4. Uses of Mica : It is used in paints as a pigment extender and also helps to brighten the tone of coloured pigments. It is a superior insulator. So in the electrical industry it is used as thermal insulation, and in electronic equipment as electrical insulators.

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Ans 1. Fossil fuels are made from decomposing plants and animals. These fuels are found in the Earth's crust and contain carbon and hydrogen, which can be burned for energy. Coal, oil, and natural gas are examples of fossil fuels.

Ans 2. Coal is classified into four main types, or ranks: anthracite, bituminous, subbituminous, and lignite. The ranking depends on the types and amounts of carbon

the coal contains and on the amount of heat energy the coal can produce.

Ans 3. Petroleum, also called crude oil, is a fossil fuel. Like coal and natural gas, petroleum was formed from the remains of ancient marine organisms, such as plants, algae, and bacteria. ... Coal, natural gas, and petroleum are all fossil fuels that formed under similar conditions.

Ans 4. fuels

1. butane.
2. diesel fuel.
3. fuel oil.
4. gasoline.
5. kerosene.
6. liquefied natural gas.
7. liquefied petroleum gas.
8. propane.

Ans 5. fractional distillation. noun. the process of separating the constituents of a liquid mixture by heating it and condensing separately the components according to their different boiling points.

Ans 6. Minerals are the natural inorganic substance that exist in earth's crust. Ores are the Minerals from which metal can be extracted economically and conveniently. All minerals are not ores.

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