

**Chapter – 3**  
**Mineral and Power Resources**  
**Worksheet - 4**

**Choose the correct option:**

1. A naturally occurring substance that has a definite chemical composition is a \_\_\_\_\_.
  - a. Lithosphere
  - b. Biosphere
  - c. Mineral
  - d. Resource
  
2. Some minerals are found in areas which are not easily accessible such as \_\_\_\_\_.
  - a. The Arctic ocean bed
  - b. Antarctica
  - c. Both (a) and (b)
  - d. None of the above
  
3. Minerals can be identified on the basis of their physical properties such as \_\_\_\_\_.
  - a. Colour
  - b. Density
  - c. Hardness
  - d. All of the above
  
4. Minerals can be identified on the basis of their chemical properties such as \_\_\_\_\_.
  - a. Texture
  - b. Thickness
  - c. Solubility
  - d. Size

5. A rock is an aggregate of one or more minerals but without \_\_\_\_\_ composition of constituent of mineral.
- Definite
  - Indefinite
  - Vague
  - None of the above
6. More than \_\_\_\_\_ types of minerals have been identified.
- 500
  - 1,800
  - 2,800
  - 3,800
7. \_\_\_\_\_ minerals are considered ore minerals.
- 100
  - 250
  - 500
  - 1000
8. On the basis of composition, minerals are classified mainly as \_\_\_\_\_ minerals.
- Thermal and Non Thermal
  - Renewable and Non Renewable
  - Metallic and Non-Metallic
  - Biotic and Abiotic
9. Rocks from which minerals are mined are known as \_\_\_\_\_.
- Ferrous
  - Non-ferrous
  - Ores
  - None of the above
10. \_\_\_\_\_ minerals contain metal in raw form.
- Metallic
  - Non-Metallic
  - Both (a) and (b)
  - None of the above

**Answer the following Questions:**

11. What do you mean by the term “Minerals”?
12. Write in brief the classifications of minerals.
13. Write the processes of extracting minerals from the earth.
14. Give a brief description on mining.
15. Describe in brief about a few minerals and their uses.
16. Write a short note on “Hydel Power”.
17. Write a short note on “Wind Power”.
18. Write a short note on “Biogas”.
19. Give a brief description on “Tidal Energy”.
20. Write in short about “Petroleum”.