

Directions: For each of the following, write the letter of the term or phrase that best completes the sentence.

- _____ 16. Most minerals are composed of _____ combined with other elements.
a. carbon and hydrogen c. calcium and oxygen
b. silicon and oxygen d. chlorine and sodium
- _____ 17. A crystal is always _____.
a. a hexagon b. a cube c. a liquid d. none of these
- _____ 18. One important use for titanium is _____.
a. soft drink cans c. automobile body parts
b. lawn furniture d. cooking equipment
- _____ 19. A mineral is classified as an ore as long as _____.
a. it's rare and valuable c. it's profitable and useful
b. it can be used for jewelry d. it's solid and natural
- _____ 20. Titanium ores can occur as _____.
a. vein mineral deposits c. magma-formed rocks
b. beach sands d. all of the above
- _____ 21. Crystals may be _____.
a. cubic b. monoclinic c. tetragonal d. all of these
- _____ 22. All of the following are minerals EXCEPT _____.
a. salt b. quartz c. sugar d. gold
- _____ 23. Most common rock-forming minerals are _____.
a. gems b. ores c. silicates d. oxides
- _____ 24. A salt crystal is _____ in shape.
a. cubic b. hexagonal c. tetragonal d. monoclinic
- _____ 25. One of the softest minerals is _____.
a. graphite b. diamond c. corundum d. amethyst

II. Understanding Concepts

Directions: Answer the following questions on the lines provided.

1. List four characteristics all minerals share.

2. What partly determines the type of mineral formed by cooling magma?
