d) Arsenic

- 22. Which among the following is not an iron ore?
- a) Hematite
- b) Magnetite
- c) Siderite

d) Pyrrhotite

- 23. Which among the following is an essential chemical reaction for the manufacture of pig iron?
- a) Fe2O3 + 3C \rightarrow 2Fe + 3CO
- b) $FeS + C \rightarrow Fe + CS$
- c) Fe3O4 + S \rightarrow 3Fe + SO4
- d) $Fe2O3 + S \rightarrow 2Fe + SO3$
- 24. How can the production of pig iron be increased?
- a) Increasing temperature decreasing pressure
- b) Decreasing temperature
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 from Sof 5
 Page 5 of 5 c) Increasing pressure
- d) Decreasing pressure
- 25. What are the raw materials needed for the manufacture of pig iron?
- a) Iron ore-Calcium-Coke
- b) Iron ore-Coke
- c) Iron ore-Calcium

d) Iron ore-Coke-Limestone

- 26. Coke consumption can be reduced in the manufacture of pig iron.
- a) False
- b) True