

## Metallurgical Analysis Objective Questions and Answers Pdf

1. Coning and quartering is a well known process of the sampling of
  - a. Ore, coal and coke
  - b. Molten metal
  - c. Solid metallic scrap
  - d. Fuel gases

Ans: A

2. In the bomb calorimeter used for the determination of calorific value of coal
  - a. High pressure oxygen at 25 atm is used for its combustion
  - b. The bomb is made of copper
  - c. Net calorific value is determined directly
  - d. Ignition of coal sample is done by heat development due to compression by high pressure oxygen

Ans: A

3. Strohlein apparatus is used for the determination of the \_\_\_\_ in ferrous material e.g., iron or steel.
  - a. Graphitic carbon
  - b. Total carbon
  - c. Sulphur
  - d. Both b and c

Ans: D

4. Carrier agent used in gas analysis by chromatograph for carrying of gas sample in adsorption column is generally
  - a. Acetylene
  - b. Helium
  - c. Nitrogen
  - d. Either b or c

Ans: D

5. Eschka process is used for determining the \_\_\_\_\_ sulphur of coal.
- a. Pyritic
  - b. Sulphate
  - c. Total
  - d. Organic
- Ans: C

1.

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