

Materials Science Quiz Questions and Answers Pdf

1. Sulphuric acid pickling tanks are lined with

- a. Nickel
- b. Rubber
- c. Aluminium
- d. Glass

Ans: B

2. In hot wire anemometer used for gas flow measurement, the wire is normally made of

- a. Copper
- b. Platinum
- c. Constantan
- d. Chromium

Ans: B

3. Metal shots used in shot blasting are made of

- a. Satellites
- b. Steel
- c. Bronze
- d. Lead

Ans: B

4. Material having maximum density is

- a. Plutonium
- b. Osmium
- c. Titanium
- d. Uranium

Ans: B

5. Which of the following metals is called metallic glass?

- a. Lead
- b. Molybdenum
- c. Tantalum
- d. Titanium

Ans: C

6. Which of the following materials is the best in handling hydrochloric acid as well as caustic soda solution of all concentrations and at temperature up to boiling point?

- a. Lead
- b. Titanium
- c. Tantalum
- d. Zirconium

Ans: D

7. Which of the following engineering materials is the most suitable candidate for hot chamber die casting?
- a. Low carbon steel
 - b. Titanium
 - c. Copper
 - d. Tin

Ans: B

8. Which of the following alloy steels has the energy saving properties making it suitable for use in electrical machines?
- a. Silicon steel
 - b. Chromium steel
 - c. Molybdenum steel
 - d. None of these

Ans: A

9. The presence of materials which opposes the creation of magnetic flux in them is called
- a. Resistance
 - b. Reluctance
 - c. Dielectric
 - d. Permeance

Ans: B

10. Which of the following metals does not form an amalgam?
- a. Cobalt
 - b. Silver
 - c. Iron
 - d. Zinc

Ans: C

meritnotes.com