

Metallurgy Quiz Questions with Answers Pdf Download

1. Dilute nitric acid applied to a clean fracture of wrought iron gives

- a. white stain
- b. greenish stain
- c. blue stain
- d. grey stain

Ans: A

2. Dilute nitric acid applied to a clean fracture of white cast iron will produce

- a. white stain
- b. grey stain
- c. black stain
- d. brown stain

Ans: D

3. Which of the following is usually made of dead mild steel?

- a. Flanges
- b. Shafts
- c. Fish plates
- d. Gears

Ans: A

4. Which of the following element does not impact hardness to steel?

- a. copper
- b. nickel
- c. silicon
- d. chromium

Ans: A

5. Which colour of flame represents the highest temperature?

- a. Dark red
- b. Bright red

c. Light yellow

d. white

Ans: D

6. Which allotropic form of iron is magnetic at room temperature?

a. alpha iron

b. beta iron

c. gamma iron

d. delta iron

Ans: A

7. Petrol engine carburetors are manufactured by

a. sand casting

b. centrifugal casting

c. shell casting

d. die casting

Ans: D

8. Crucible for melting of metals are made of

a. cast iron

b. chromium

c. hard metal

d. graphite

Ans: D

9. The charges for sand castings are estimated on the basis of

a. surface area

b. volume

c. weight

d. density

Ans: C

10. The slowest cooling rate is achieved when steel is quenched in

- a. fused salt
- b. air
- c. brine
- d. mixture of water

Ans; B

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