

### **Engineering Materials Objective Type Questions with Answers Pdf**

1. The main alloy for corrosion resistance in stainless steel is

- a. carbon
- b. manganese
- c. chromium
- d. cobalt

Ans: C

2. Iron alloyed with carbon more than 2% is called

- a. cast iron
- b. mild steel
- c. carbon steel
- d. high carbon steel

Ans: A

3. Aluminium alloys for pressure die casting

- a. must possess considerable fluidity
- b. must not be free from hot shortness
- c. must have iron as one of the constituents
- d., must be light

Ans: A

4. Cast irons are generally specified by

- a. carbon percentage
- b. iron percentage
- c. hardness
- d. tensile strength

Ans: D

5. Shot peening

- a. improves fatigue life of small parts
- b. causes metal surface to be in tension and the layer beneath in compression

c. changes the crystalline structure of material

d. refines the grain structure

Ans: A