

## **Steel Making Questions and Answers Pdf**

### **Question: 1**

Which is used most extensively as a deoxidiser producing killed steel in practice?

- (A) Zirconia
- (B) Bauxite
- (C) Nickel
- (D) Aluminium

Ans: D

Aluminium

### **Question: 2**

Which is the weakest deoxidiser of molten steel?

- (A) Titanium
- (B) Vanadium
- (C) Chromium
- (D) Tungsten

Ans: C

Chromium

### **Question: 3**

Which of the following cannot be added in teeming ladle after the steel is tapped from L.D. converter?

- (A) Alloying elements

- (B) Deoxidisers
- (C) Recarburisers
- (D) None of these

Ans: B

Deoxidisers

**Question: 4**

Which of the following alloying elements when added to plain carbon steel does not increase its red hardness?

- (A) Aluminium
- (B) Tungsten
- (C) Cobalt
- (D) Molybdenum

Ans: A

Aluminium

**Question: 5**

In acid steel making process, \_\_\_\_\_ is not removed from pig iron.

- (A) Silicon
- (B) Sulphur and Phosphorous
- (C) Carbon
- (D) Manganese

Ans: B

Sulphur and Phosphorous

**Question: 6**

Nose angle of LD. converter is

- (A) 37°
- (B) 47°
- (C) 57°
- (D) 67°

Ans: D

67°

**Question: 7**

Which steel making process can take up maximum metal charge as scrap?

- (A) L.D. process
- (B) Kaldo furnace
- (C) Electric furnace process
- (D) Acid Bessemer process

Ans: C

Electric furnace process

**Question: 8**

Which is the flux normally added in LD. converter for early formation of slag?

- (A) Limestone
- (B) Lime
- (C) Dolomite

(D) Iron scrap

Ans: B

Lime

**Question: 9**

The main drawback of LD. process is the

(A) High refractory consumption

(B) Lower steel yield

(C) Slopping tendency

(D) Lack of homogenisation in bath w.r.t. its carbon content and temperature due to inadequate mixing

Ans: D

Lack of homogenisation in bath w.r.t. its carbon content and temperature due to inadequate mixing

**Question: 10**

Sulphur occurs in steel as

(A) FeS

(B) MnS

(C) Both a and b

(D) Neither a nor b

Ans: D

Neither a nor b

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