

## Furnace Technology Objective Questions and Answers Pdf

### Question: 1

Which of the following furnaces will have maximum thermal efficiency?

- (A) Rotary kilns
- (B) Boiler furnace
- (C) Walking beam reheating furnace
- (D) Soaking pits

Ans: B

Boiler furnace

### Question: 2

High percentage of carbon monoxide presence in the flue gas of boiler is an indicator of

- (A) Complete combustion
- (B) Good control of pollutants
- (C) High excess air
- (D) Low excess air

Ans: D

Low excess air

### Question: 3

Tunnel kilns are usually used for the

- (A) Melting of glass

(B) Reheating of steel slabs

(C) Roasting of pyrites

(D) Drying of refractories

Ans: D

Drying of refractories

Question: 4

Which of the following absorbs maximum heat in a high pressure boiler?

(A) Air preheater

(B) Furnace water wall

(C) Economiser

(D) Steam superheater

Ans: B

Furnace water wall

Question: 5

Furnace pressure is normally controlled by regulating the

(A) Damper

(B) Speed of I.D. fan

(C) Fuel gas pressure

(D) Air pressure

Ans: A

Damper

Question: 6

Which of the following is a rotary furnace?

- (A) Annealing furnace
- (B) Stoves
- (C) Lime kiln
- (D) Soaking pit

Ans: C

Lime kiln

**Question: 7**

Which is the most thermally efficient furnace?

- (A) Boiler furnace
- (B) Rotary kilns
- (C) Reverberatory furnace
- (D) Reheating furnace

Ans: A

Boiler furnace

**Question: 8**

Which of the following is a heat treatment furnace?

- (A) Rotary kiln
- (B) Reheating furnace
- (C) Muffle furnace
- (D) Annealing furnace

Ans: D

Annealing furnace

Question: 9

Pot furnace is either regenerative or recuperative and is used in the manufacture of

- (A) Refractory bricks
- (B) Potteries
- (C) Glass
- (D) Stainless steel

Ans: C

Glass

Question: 10

An example of periodic furnace is the

- (A) Rotary kilns
- (B) Coke ovens
- (C) Blast furnace
- (D) Blast furnace stoves

Ans: D

Blast furnace stoves