

Electrometallurgy and Corrosion Quiz Questions and Answers Pdf

Question: 1

Which metal is protected against corrosion by the layer of its own oxide?

- (A) Aluminium
- (B) Calcium
- (C) Silver
- (D) Iron

Ans: A

Aluminium

Question: 2

Ships operating in sea water are guarded against corrosion by

- (A) Anodic coating
- (B) Ceramic coating
- (C) Cathodic protection
- (D) Painting the outer surface

Ans: C

Cathodic protection

Question: 3

Deposition of aluminium vapour on metallic surface is called

- (A) Hot dipping
- (B) Electroplating

(C) Sherardising

(D) Calorising

[View Answer](#)

Ans: D

Calorising

Question: 4

Erosion corrosion is encountered in

(A) Alkaline environment only

(B) Vibrating bearings

(C) Clamped/press fits

(D) Centrifugal pumps and steam turbines

Ans: D

Centrifugal pumps and steam turbines

Question: 5

Which is an example of cathodic protection?

(A) Case hardened steel

(B) Lead lined reactor

(C) Painted steel

(D) Galvanised iron

Ans: D

Galvanised iron

Question: 6

Cavitation corrosion is categorised as the _____ corrosion.

- (A) Uniform
- (B) Stress
- (C) Erosion
- (D) Galvanic

Ans: C

Erosion

Question: 7

Which of the following metals is not used for coating of the base metal to guard it against corrosion?

- (A) Aluminium
- (B) Cadmium
- (C) Lead
- (D) Magnesium

Ans: D

Magnesium

Question: 8

Caustic embrittlement of boiler tubes is an example of

- (A) Crevice corrosion
- (B) Erosion corrosion
- (C) Stress corrosion

(D) Dezincification

Ans: C

Stress corrosion

Question: 9

The most common inorganic corrosion inhibitor used in automobile cooling system is

(A) Borax

(B) Morpholine

(C) Calgon

(D) Oleic acid

Ans: A

Borax

Question: 10

Hoope's cell is predominantly used for the electrolytic refining of

(A) Aluminium

(B) Tin

(C) Copper

(D) Zinc

Ans: A

Aluminium