

Metallurgy Mineral Dressing MCQ Questions and Answers Pdf

Question: 1

Trommels separate a mixture of particles depending on their

- (A) Electrical and magnetic properties
- (B) Wettability
- (C) Density
- (D) Size

Ans: Size

Question: 2

Which of the following crusher can be considered as a combination of a jaw crusher and a roller crusher?

- (A) Ball mill
- (B) Gyratory crusher
- (C) Fluid energy mill
- (D) Rod mill

Ans: Gyratory crusher

Question: 3

In a constant pressure filtration,

- (A) Rate of filtration decreases with time
- (B) Rate of filtration increases with time
- (C) Rate of filtration is constant
- (D) Resistance decreases with same

Ans: Rate of filtration decreases with time

Question: 4

Which is the most suitable for transportation of sticky material?

(A) Pneumatic conveyor

(B) Screw conveyor

(C) Belt conveyor

(D) Apron conveyor

Ans: Screw conveyor

Question: 5

In a closed circuit grinding as compared to open circuit grinding, the

(A) Operation is economical

(B) Specific surface of product is more

(C) Product has lesser size uniformity

(D) Production rate at a given limiting size is lower

Ans: A

Operation is economical

Question: 6

Size reduction of asbestos and mica is done by

(A) Crushing rolls

(B) Gyratory crushers

(C) Rod mills

(D) Hammer mills

Ans: Hammer mills

Question: 7

Apron conveyors are used for the

(A) Heavy loads and long runs

(B) Small loads and short runs

(C) Heavy loads and short runs

(D) Small loads and long runs

Ans: Heavy loads and short runs

Question: 8

Cyclones are used primarily for separating the

(A) Liquids

(B) Solids from solids

(C) Solids

(D) Solids from fluids

Ans: Solids from fluids

Question: 9

Coal middlings in thermal power plant are generally crushed by a

(A) Gyratory crusher

(B) Jaw crusher

(C) Ball mill

(D) Hammer crusher

Ans: Ball mill

Question: 10

Soft and non-abrasive materials can be made into fines by

(A) Cutting

(B) Compression

(C) Attrition

(D) None of these

Ans: Cutting

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