LECTURERS IN GOVERNMENT POLYTECHNIC COLLEGES (ENGINEERING AND NON-ENGINEERING) IN A.P TECHNICAL EDUCATION SERVICE. - NOTIFICATION NO.23/2018

CHEMICAL ENGINEERING - 14TH MAR 2020 – S2 – REVISED KEY

Question Number : 29 Question Id : 2310981529

In a ball mill, most of the size reduction of the particles is done by:

Answer:

impact

attrition

Question Number : 48 Question Id : 2310981548

Heat is lost through a wall \((k = 0.50 \text{ W/m.K})\), which is 5 m long, 2 m wide, and 20 cm thick. The heat loss rate is 500 W. If the inner surface of the wall is at 20 \(^\circ\text{C}\), the temperature at the midplane of the wall is:

Answer:

0 \(^\circ\text{C}\)

Question Number : 114 Question Id : 2310981614

The correct formula for calculating the amplitude ratio (AR) is:

Answer: Deleted

Question Number : 123 Question Id : 2310981623

Which one of the following is a correct statement?

Answer:

A savings account is set up for a particular purpose whereas a sinking fund is used for any purpose

An emergency fund is set up for a particular purpose

Question Number : 130 Question Id : 2310981630

What is the net present value of the annuity if an amount \(R\) is paid at the end of every year for \(n\) years at an interest rate of \(r\) ?

Answer: Deleted