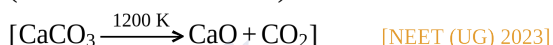


NEET SOME BASIC CONCEPTS OF CHEMISTRY — PERCENTAGE YIELD AND PERCENTAGE PURITY — PYQS

Max. Marks: 12
Questions: 3

Section A (MCQ) — 3 questions

- Q.1** The right option for the mass of CO_2 produced by heating 20 g of 20% pure limestone is
(Atomic mass of Ca = 40)

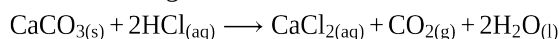


- (1) 1.76 g (2) 2.64 g (3) 1.32 g (4) 1.12 g

Scan or tap for the
full solution



- Q.2** What mass of 95% pure CaCO_3 will be required to neutralise 50 mL of 0.5 M HCl solution according to the following reaction?



[Calculate upto second place of decimal point]

[NEET (UG) 2022]

- (1) 1.25 g (2) 1.32 g (3) 3.65 g (4) 9.50 g

Scan or tap for the
full solution



- Q.3** 20.0 g of a magnesium carbonate sample decomposes on heating to give carbon dioxide and 8.0 g magnesium oxide. What will be the percentage purity of magnesium carbonate in the sample?

(At. wt. of Mg = 24) [AIPMT 2015]

- (1) 96 (2) 60 (3) 84 (4) 75

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3										
Ans.	1	2	3										