

# Practical Organic Chemistry

## Question1

Which among the following metals is involved in preparation of Grignard reagent ?

MHT CET 2022 11th August Evening Shift

Options:

A. Magnesium

B. Sodium

C. Silver

D. Zinc

**Answer: A**

**Solution:**

Alkyl magnesium halide is Grignard reagent.

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## Question2

Which among the following methods is used to prepare Grignard reagent?

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Options:



- A. Action of magnesium powder on alkyl halide in aqueous medium
- B. Action of magnesium hydroxide on alkyl halide
- C. Action of magnesium metal on alkyl halide in presence of dry ether
- D. Action of  $MgCl_2$  on alkyl halide in presence of dry ether

**Answer: C**

**Solution:**

Grignard reagent reacts in aqueous medium hence dry ether is used.

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