



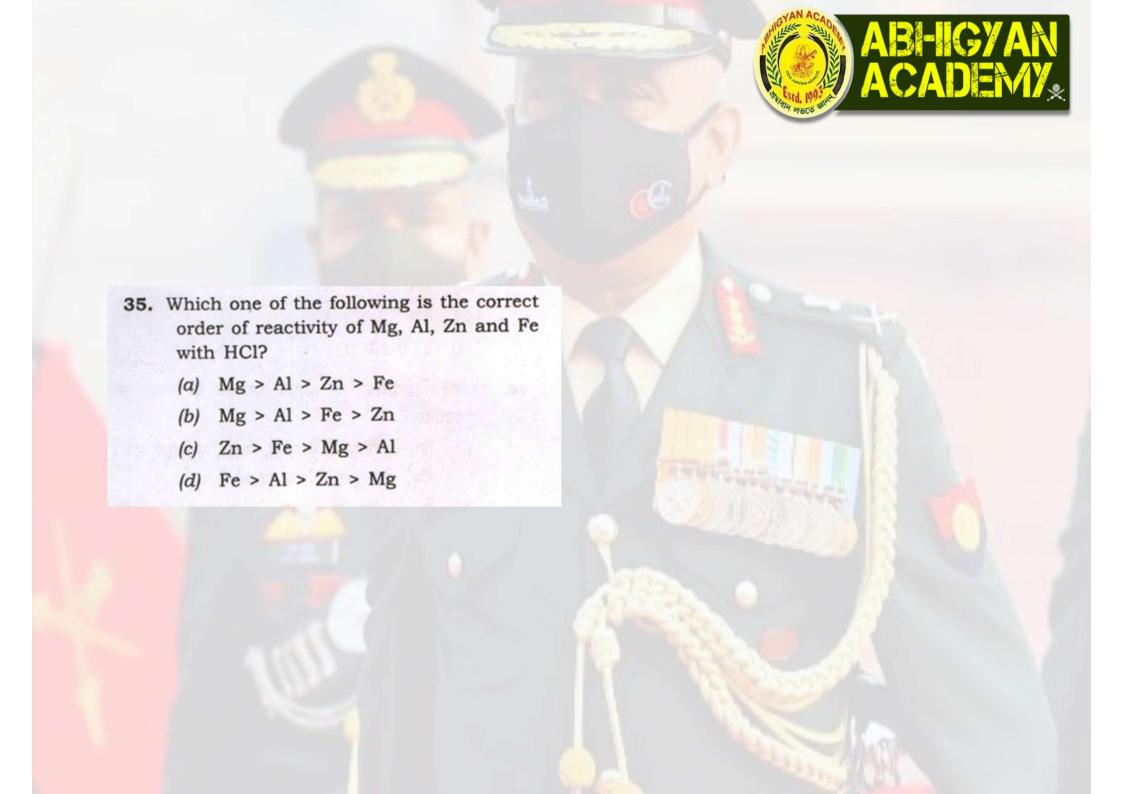
76. Rutherford's alpha particle scattering experiment on thin gold foil was responsible for the discovery of

- (a) electron
- (b) proton
- (c) atomic nucleus
- (d) neutrón



77. The correct order of atomic radius of Li, Na, Be and O is

- (a) Na > Li > Be > O
- (b) Na > Be > Li > O
- (c) Be > Li > Na > O
- (d) O > Be > Li > Na





- 4. Which of the following characteristics is common to hydrogen, nitrogen, oxygen and carbon dioxide?
 - (a) They are all diatomic.
 - (b) They are all gases at room temperature.
 - (c) They are all coloured.
 - (d) They all have same reactivity.

