How many hydrogen atoms are there in 1 mole of water? A_r (O) = 16; A_r (H) = 1; N_A = 6,022 · 10²³



Question 2

Α

Β

С

D

Nucleophiles are characterized by:

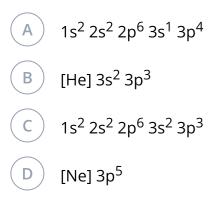
positive charge

unpaired electron

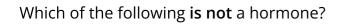
lone pair of valence electrons

vacant orbital

The electron configuration of phosphorus (group 15/VA) is:



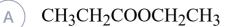
Question 4

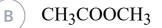


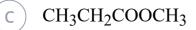


Question 5

The correct formula of methyl acetate is:



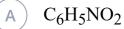




CH₃COOCH₂CH₃

D

Which compound is an amine?



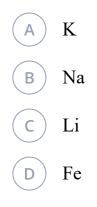
B) $C_6H_5-N = N-C_6H_5$

c CH₃NHCH₃

D CH₃CH₂CONH₂

Question 7

Which element reacts with water most vigorously?



Question 8 Electrolysis of sodium chloride does not generate: A hydrogen chloride B chlorine C hydrogen D sodium

Phenol is:

Α

В

С

D

Α

В

С

D

) more acidic than ethanol

less acidic than ethanol

as acidic as ethanol

more basic than ethanol

Question 10

2-chlorpentan a 3-chlorpentan are:

) optical antipodes

cis- and *trans-* isomers

) structural (constitutional) isomers

) conformational isomers