

NEET ORGANIC CHEMISTRY – SOME BASIC PRINCIPLES AND TECHNIQUES — ACIDIC STRENGTH COMPARISON — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ) — 3 questions

Q.1 Which one is the correct order of acidity?

[NEET 2017]

- (1) $\text{CH}\equiv\text{CH} > \text{CH}_3-\text{C}\equiv\text{CH} > \text{CH}_2=\text{CH}_2 > \text{CH}_3-\text{CH}_3$
- (2) $\text{CH}\equiv\text{CH} > \text{CH}_2=\text{CH}_2 > \text{CH}_3-\text{C}\equiv\text{CH} > \text{CH}_3-\text{CH}_3$
- (3) $\text{CH}_3-\text{CH}_3 > \text{CH}_2=\text{CH}_2 > \text{CH}_3-\text{C}\equiv\text{CH} > \text{CH}\equiv\text{CH}$
- (4) $\text{CH}_2=\text{CH}_2 > \text{CH}_3-\text{CH}=\text{CH}_2 > \text{CH}_3-\text{C}\equiv\text{CH} > \text{CH}\equiv\text{CH}$

Scan or tap for the full solution


Q.2 Which one of the following orders of acid strength is correct ?

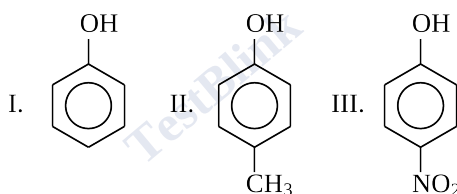
[AIPMT 2003]

- (1) $\text{RCOOH} > \text{ROH} > \text{HOH} > \text{HC}\equiv\text{CH}$
- (2) $\text{RCOOH} > \text{HOH} > \text{ROH} > \text{HC}\equiv\text{CH}$
- (3) $\text{RCOOH} > \text{HOH} > \text{HC}\equiv\text{CH} > \text{ROH}$
- (4) $\text{RCOOH} > \text{HC}\equiv\text{CH} > \text{HOH} > \text{ROH}$

Scan or tap for the full solution


Q.3 The correct acidic order of the following is

[AIPMT 2001]



- (1) $\text{I} > \text{II} > \text{III}$
- (2) $\text{III} > \text{I} > \text{II}$
- (3) $\text{II} > \text{III} > \text{I}$
- (4) $\text{I} > \text{III} > \text{II}$

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3								
Ans.	1	2	2								