

NEET AMINES — DIAZONIUM SALTS: STRUCTURE, PROPERTIES AND PREPARATION — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ) — 2 questions

Q.1 Given below are two statements

Statement-I: Primary aliphatic amines react with HNO_2 to give unstable diazonium salts.

Statement-II: Primary aromatic amines react with HNO_2 to form diazonium salts which are stable even above 300 K.

In the light of the above statements, choose the most appropriate answer from the options given below.

[NEET (UG) 2022]

- (1) Both Statement-I and Statement-II are correct.
- (2) Both Statement-I and Statement-II are incorrect.
- (3) Statement-I is correct but Statement-II is incorrect.
- (4) Statement-I is incorrect but Statement-II is correct.

Scan or tap for the full solution


Q.2 Which of the following will be most stable diazonium salt RN_2^+X^- ?

[AIPMT 2014]

- (1) $\text{CH}_3\text{N}_2^+\text{X}^-$
- (2) $\text{C}_6\text{H}_5\text{N}_2^+\text{X}^-$
- (3) $\text{CH}_3\text{CH}_2\text{N}_2^+\text{X}^-$
- (4) $\text{C}_6\text{H}_5\text{CH}_2\text{N}_2^+\text{X}^-$

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2									
Ans.	3	2									