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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.

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Q.2 Which of the following will be most stable diazonium salt $RN_2^+X^-$? [AIPMT 2014]

(1) $CH_3N_2^+X^-$ (2) $C_6H_5N_2^+X^-$

(3) $CH_3CH_2N_2^+X^-$ (4) $C_6H_5CH_2N_2^+X^-$

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ANSWER KEY

Ques.	1	2									
Ans.	3	2									