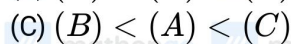
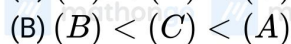
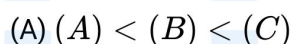
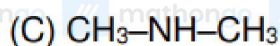
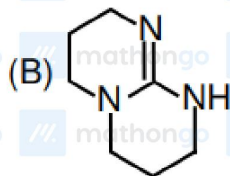
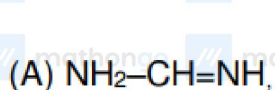


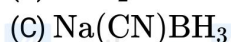
## Q1 JEE Main 2020 - 7 January (Morning)

The increasing order of  $pK_b$  for the following compounds will be :



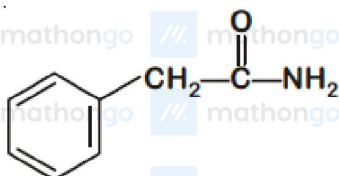
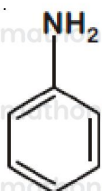
## Q2 JEE Main 2020 - 5 September (Morning)

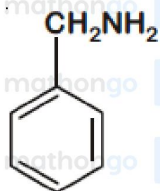
The most appropriate reagent for conversion of  $\text{C}_2\text{H}_5\text{CN}$  into  $\text{CH}_3\text{CH}_2\text{CH}_2\text{NH}_2$  is



## Q3 JEE Main 2020 - 6 September (Evening)

Which of the following compounds can be prepared in good yield by Gabriel phthalimide synthesis?



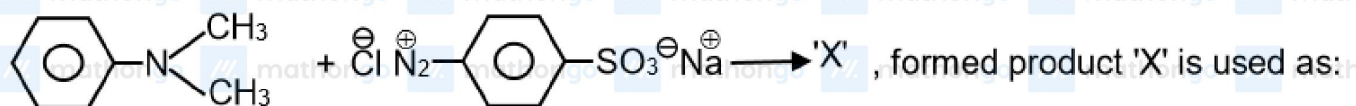


(C)



## Q4 JEE Main 2020 - 7 January (Morning)

Consider the following reaction,

The product  $X$  is used :

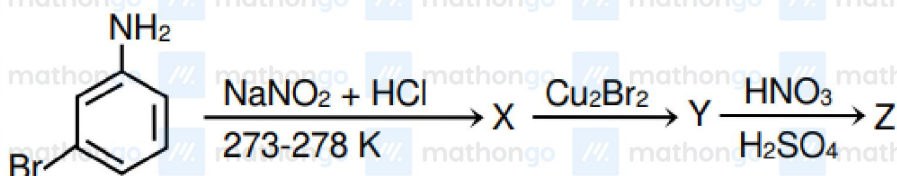
(A) Lab test of Phenol

(B) Acid base titration indicator

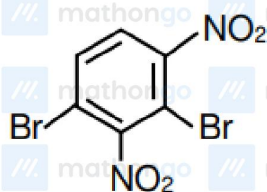
(C) Food colouring

(D) It can be used as an alternative to detect amino acid in place of ninhydrin

## Q5 JEE Main 2020 - 9 January (Morning)

The major product  $Z$  obtained in the following reaction scheme is

(A)



## Organic Compounds Containing Nitrogen

## JEE Main 2020 Chapterwise

### Questions with Answer Keys

### Chemistry

(B)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



(C)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



(D)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



Q6 JEE Main 2020 - 9 January (Evening)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math

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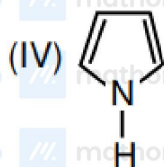
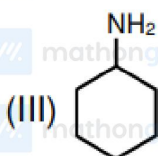
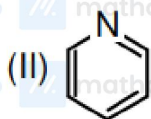
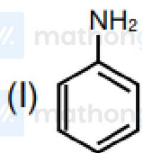
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The decreasing order of basicity of the following amines is:



(A) (II) > (III) > (IV) > (I)

(B) (I) > (III) > (IV) > (II)

(C) (III) > (II) > (I) > (IV)

(D) (III) > (I) > (II) > (IV)

Q7 JEE Main 2020 - 9 January (Evening)

Consider the following reactions. The compound [P] is:

(i)  $\text{NaNO}_2/\text{HCl}$ ,  $0-5^\circ\text{C}$

(ii)  $\beta\text{-naphthol}/\text{NaOH}$



$\text{Br}_2/\text{H}_2\text{O}$

$\text{C}_7\text{H}_6\text{NBr}_3$

## Organic Compounds Containing Nitrogen

JEE Main 2020 Chapterwise

Questions with Answer Keys

Chemistry

(A)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



(B)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



(C)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



(D)  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  mathongo  math



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## Organic Compounds Containing Nitrogen

Questions with Answer Keys

JEE Main 2020 Chapterwise

Chemistry

### Answer Key

Q1 (C)

Q2 (D)

Q3 (C)

Q4 (B)

Q5 (B)

Q6 (C)

Q7 (C)