

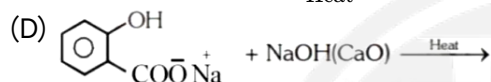
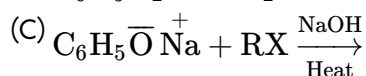
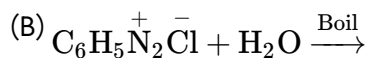
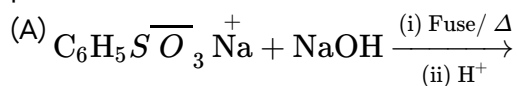
Lakshya NEET (2025)

Organic Chemistry

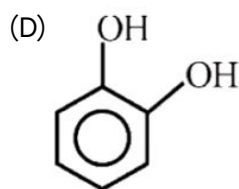
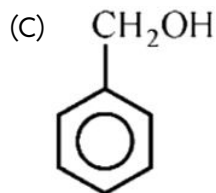
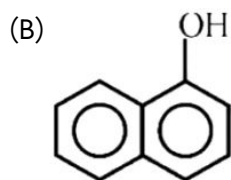
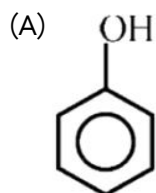
Alcohols, Phenols and Ethers

DPP: 4

Q1 Which of the following reactions will not lead to a phenol



Q2 Which of following is not consider as phenol



Q3 IUPAC name of m-cresol is

- (A) 3-methylphenol
(B) 3-chlorophenol
(C) 3-methoxyphenol

(D) benzene-1, 3-diol

Q4 Benzene diazonium chloride on hydrolysis gives

- (A) benzene (B) benzyl alcohol
(C) phenol (D) chlorobenzene

Q5 When sodium benzene sulphonate is fused with sodium hydroxide (solid), the product formed is:

- (A) benzene
(B) phenol
(C) benzene triphenol
(D) none of these

Q6 Reaction of aqueous sodium hydroxide on chlorobenzene gives which of the following products? (at 623 K and 300 atm)

- (A) o-chlorophenol (B) m-chlorophenol
(C) phenol (D) no reaction

Q7 On heating aqueous solution of benzene diazonium chloride, which of the following is formed?

- (A) Benzene (B) Chlorobenzene
(C) Phenol (D) Aniline

Q8 Cumene is the compound used for commercial preparation of phenol. Chemically, cumene is

- (A) iso-propyl benzene
(B) ethyl benzene
(C) n-propyl benzene
(D) none of the above

Q9 Propan-1-ol may be prepared by reaction of propene with

- (A) CH_3COOOH
(B) H_3BO_3



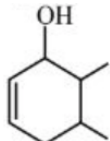
(C) $B_2H_6/NaOH - H_2O_2$ (D) H_2SO_4/H_2O

Q10

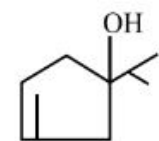


Identify the major product 'P' is

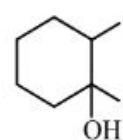
(A)



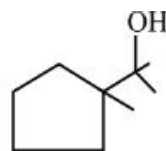
(B)



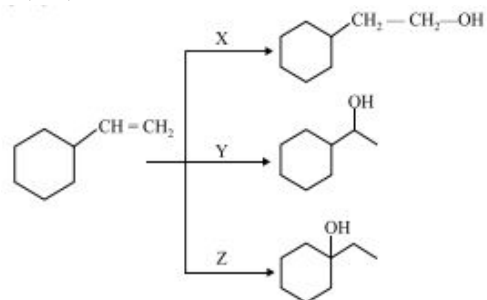
(C)



(D)



Q11 X, Y, Z reaction are



(A) Simple hydration reaction

(B) Hydroboration oxidation, hydration and oxymercuration demercuration

(C) Hydroboration oxidation, oxymercuration demercuration and hydration

(D) Oxymercuration demercuration, hydroboration oxidation and hydration

Answer Key

Q1 (C)

Q2 (C)

Q3 (A)

Q4 (C)

Q5 (B)

Q6 (C)

Q7 (C)

Q8 (A)

Q9 (C)

Q10 (C)

Q11 (C)


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