



SHIKSHA CLASSES

Subject : Chemistry

BOARD QUESTION PAPER

Total Marks : 20

Class : XII

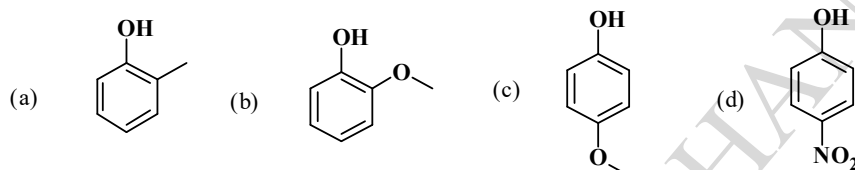
Topic: 11. Alcohols, Phenols and Ethers

Time : 1 Hr.

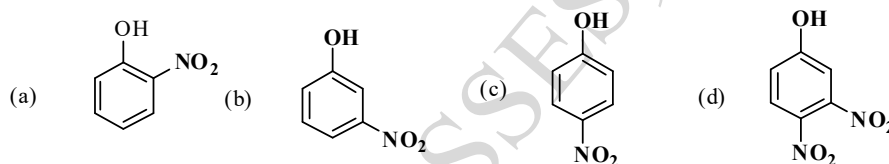
Section (A)

Q. 1 : Select and write the most appropriate answer from given alternatives in each sub-question. 5

i) Which of the following compound is more acidic?



ii) Which of the following is major product for the nitration of phenol?



iii) The general molecular formula of Alcohol is

- a) $C_n H_{2n} + OH$ b) $C_n H_{2n+1} OH$
c) $C_n H_{2n+2} OH$ d) $C_n H_n OH_2$

iv) What is bond angle of ether (R-OR)?

- a) 120° b) 118°
c) 110° d) 140°

v) Anisole on heating with concentrated HI gives

- a) Iodobenzene b) Phenol + Methanol
c) Phenol + Iodomethane d) Iodobenzene + methanol

Q.2 : Very short answer type Question. 2

- i) What are phenols or Aromatic hydroxy Compound?
- ii) Write the preparation of phenol by Dow process.

Section (B)

: Answer the following questions. (Any Three) 6

Q.3 : Give the classification of Mono-hydroxy compound.

Q.4: Give the method of preparation of phenol from aniline.

Q.5 : Write the uses of Alcohol & ethers.

Q.6 : Give the nitration reaction of Anisole.

Section (C)

: Answer the following question. (Any One) 3

Q.7 : What are Ether? Give method of preparation of ether by Williamson's Synthesis.

Q.8: Give any two electrophilic substitution reaction of Phenol

Section (D)

: Answer the following question. (Any One) 4

Q.9 : Explain Hydrogen bonding in ortho and para nitrophenol.

Q.10: Explain Reimer Teimann Reaction its example.

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