

Model Question paper
Aromatic Hydrocarbons 1

11th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 00:30:00 Hrs

Total Marks : 20

5 x 1 = 5

Part - A

- 1) Aromatic compounds are
(a) benzenoid compounds (b) Non-benzenoid compounds (c) aliphatic compounds (d) alicyclic compounds
- 2) Benzene was first isolated by
(a) Huckel (b) Faraday (c) Hofmann (d) Barthelot
- 3) Benzene undergoes
(a) addition reaction (b) oxidation reaction (c) Polymerisation reactions (d) electrophilic substitution reaction
- 4) The modern theory of aromaticity was introduced by
(a) Faraday (b) Huckel (c) Hofmann (d) Berthelot
- 5) Any compound can be aromatic if they have delocalised π electron
(a) $4n+2$ (b) $4n+1$ (c) $4n$ (d) $4n-2$

Part - B

1 x 2 = 2

- 6) How is benzene is prepared commercially?

Part - C

1 x 3 = 3

- 7) Explain the term aromaticity?

Part - D

2 x 5 = 10

- 8) How would you convert the following?
sodium benzoate to benzene
- 9) How would you convert the following?
Phenol to benzene
