

Model Question paper
Purification of Organic compounds 2

11th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 00:45:00 Hrs

Total Marks : 30

Part - A

4 x 1 = 4

- 1) When the stationary phase is solid, then the compounds can be separated on the basis of
(a) Adsorption (b) Partition (c) Absorption (d) Distribution
- 2) Column Chromatography is based on the principal of
(a) Adsorption (b) Partition (c) Absorption (d) Distribution
- 3) In Ascending paper Chromatography, the solvent moves
(a) Upwards (b) Downwards (c) Horizontaly (d) None
- 4) The existence of wide range of organic compounds is due to their, property of
(a) Extensive catenation (b) Lower boiling points (c) Polymerisation (d) Isomerism

Part - B

2 x 3 = 6

- 5) Give the advantages of distillation under reduced pressure.
- 6) What are the types of paper chromatography?

Part - C

4 x 5 = 20

- 7) Explain the method of purifying a solid organic compound
- 8) Explain the purification of compounds by using thin layer chromatography.
- 9) What are the various principles used in chromatographic separation?
- 10) Write down the general characteristics of organic compounds.

