

Model Question paper
Organic Halogen Compounds 1

11th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

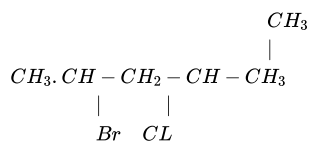
Time : 00:45:00 Hrs

Total Marks : 32

2 x 1 = 2

Part - A

1) The IUPAC name of



- (a) 2 - Bromo - 3 - chloro - 4 - methylpentane (b) 2 - Methyl - 3 - chloro - 4 - bromopentane (c) 2 - Bromo - 3 - chloro - 3 - isoprpyl propane
(d) 2,4 - Dimethyl - 4 - Bromo - 3 - chloro butane

2) For reacting with HCl, the alcohol which does not require $ZnCl_2$ is

- (a) CH_3CH_2OH (b) $CH_3 - CH_2CH_2OH$ (c) $CH_3 - \underset{\substack{| \\ CH_3}}{CH} - OH$ (d) $C(CH_3)_3 - OH$

Part - B

2 x 2 = 4

3) Preparation of ethers

4) Preparation of alkyl cyanide

Part - C

2 x 3 = 6

5) What is an electrophilic addition?

6) What is Hunsdiecker reaction?

Part - D

4 x 5 = 20

7) Discuss S_N1 mechanism?

8) Discuss S_N2 mechanism?

9) Discuss E_1 elimination

10) Discuss E_2 elimination
