Model Question paper Basic Concepts of Organic Chemistry 2

11th Standard

Titii Standard	
Chemistry	Reg.No.:

I. Answer all the questions.

II. Use blue pen only.

Time: 01:00:00 Hrs

art _ A

Total Marks: 40

 $3 \times 2 = 6$

Part - A

1) Write the IUPAC name of the following $CH_3-CH-CH-CH_3 \label{eq:chi}$

$$CH_3-CH-CH-CH-CH-CH-CH_3-CH_3-CH$$

2) Write the IUPAC name of the following

$$CH_3 \\ | \\ CH_3 - C - CH_2 - CH_3 \\ | \\ OH$$

3) Write the IUPAC name of the following $CH_2 = CH - COCH_2CH_3 \label{eq:chi2}$

Part - C

 $3 \times 3 = 9$

- 4) Write the IUPAC name of the following $CH_{3}OCH_{2}CH_{2}CH_{3} \label{eq:chi}$
- 5) Write the IUPAC name of the following

$$CH_3-O-CH-CH_3 \ | \ CH_3$$

6) Write the IUPAC name of the following $CH_{3}CH_{2}CH_{2}CH_{2}NH_{2} \label{eq:chi2}$

Part - D

5 x 5 = 25

- 7) Explain briefly on the following condensation reaction.
- 8) Explain briefly on the following hydrolysis.
- 9) Explain briefly on the following reduction and oxidation.
- 10) Explain briefly on the following Electrophilic and Nucleophilic reagents.
- 11) Explain briefly on the following carbonium ions and carbanions.
