

Seat No.:-----

Enrolment No.:-----

**UKA TARSADIA UNIVERSITY**

Maliba Pharmacy College

B. Pharm 3<sup>rd</sup> Semester Internal Examination 2013 (*Mid-Sem 1*)

**030020303 – Organic Chemistry - II**

Time: 1:30 p.m. To 3:30 p.m.

Max. Marks: **40**

Date: 02/09/2013

**Instructions:**

- Attempt any **FIVE** questions.
- Each question carries **08** marks.
- Make suitable assumption whenever necessary.
- Figures to the right indicate full marks.

Q.1	A)	Write methods for preparation of anthracene.	03
	B)	Define Carbohydrate. Write a note on Kiliani-Fischer synthesis and Ruff degradation.	05
Q.2	A)	Define aromatic compounds and give their characteristics.	03
	B)	Classify amino acids.	05
Q.3	A)	What are essential and non-essential amino acids? Give their examples.	03
	B)	Write method for preparation for aldehydes and ketones.	05
Q.4	A)	Write any three methods for preparation of naphthalene.	03
	B)	Explain electrophilic substitution reactions of benzene.	05
Q.5	A)	Write methods for preparation and reactions of acid chloride.	03
	B)	Give reactions of aldehydes.	05
Q.6	A)	Write reactions given by arenes.	03
	B)	Write reactions given by aryl halides.	05
Q.7	A)	Write method for preparation of aryl halides.	03
	B)	Write method for preparation carboxylic acids.	05