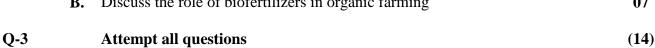
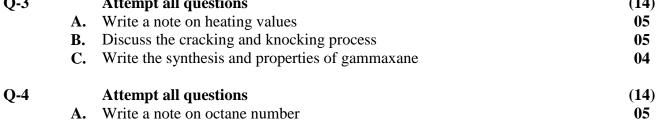
Enrollment N	o: Exam Seat No:	
	C.U.SHAH UNIVERSITY	
	<b>Summer Examination-2017</b>	
Subject Name	: Chemistry-X	
<b>Subject Code:</b>	4SC04CHE2 Branch: B.Sc.(Chemistry)	
Semester: 4	Date: 20-04-2017 Time: 10:30 To 01:30 Marks: 70	
(2) Instruction (3) Draw	Programmable calculator & any other electronic instrument is prohibited. etions written on main answer book are strictly to be obeyed. neat diagrams and figures (if necessary) at right places. ne suitable data if needed.	
n)	Attempt the following questions: What is fertilizer? What is feldspar? Complete the reaction Benzene + Cl <sub>2</sub> A+ B What is pesticide? Define adsorbent Define absorption Write the chemical formula of urea Define solute Define insecticide Write the full form of LPG Draw the structure of dicloro ethane Define ceramic Complete the reaction NaCl + H <sub>2</sub> O A+ B Define glass Four questions from Q-2 to Q-8	(14)  1  1  1  1  1  1  1  1  1  1  1  1  1
Q-2 A. B.	Attempt all questions Discuss the manufacturing process of ammonia fertilizer Discuss the role of biofertilizers in organic farming	(14) 07 07
0-3	Attempt all questions	(14)





**05** 

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**B.** Discuss the role and synthesis of DDT in fertilizer industries



	C.	Write the synthesis and properties of parathion	04
Q-5		Attempt all questions	(14)
	A.	Discuss the industrial manufacture of Cement	05
	В.	Write the applications of pesticides	05
	С.	Write the synthesis and properties of paraquat	04
Q-6		Attempt all questions	(14)
	A.	Discuss the industrial manufacture of Ceramic	05
	В.	What are anti-knock compounds? Discuss the liquefied natural gas	05
	C.	Write the synthesis and properties of Aldrin	04
Q-7		Attempt all questions	(14)
	A.	Discuss the manufacture of glasses and colored glass	07
	В.	Write the applications of chromatography	07
		Attempt all questions	(14)
	A.	Write Principle of adsorption chromatography. Discuss the classification of adsorbents	07
	В.	Write a note on	07
		1. Thin layer chromatography	
		2. Column chromatography	

