Seat No.:	Enrolment No.
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Subject code: 142304

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER – IV • EXAMINATION – WINTER 2012

Date: 31/12/2012

•	me: Plastics Packaging Technology		
	0 pm - 05.00 pm	Total Marks: 70	
Instruction	ns:		
2. M	ttempt any five questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.		
Q.1	(a) What is Packaging? What are the functions of a(b) What are the climatic factors that may cause product to deteriorate?		
Q.2	(a) Discuss advantages and disadvantages packaging	of plastics 07	
	(b) Distinguish between blister package and skin p OR	ackage. 07	
	(b) Explain various tests conducted on corrugated	board 07	
Q.3	(a) .State the importance of Bag- in- Box of packaging.Discuss advantages of Bag-in-Box of	concept	
	(b) Explain the main hazards to which a transit exposed in (a) loading and unloading (b) ware road transport		
0.3	OR	oring Cive 07	
Q.3	(a) Discuss in detail, various types of Packa suitable examples.		
	(b) Explain about Requirements of Glass packagir advantages and disadvantages	ng and their 07	
Q.4	(a) What is Shelf Life? Discuss factors affecting to of Packaged goods	he shelf life 07	
	(b) State the importance of colour as sales medium the factors consider in selection of package colour OR		
Q.4	· · · · · · · · · · · · · · · · · · ·	Explain why a regular slotted container (RSC) is popular 07 as transport package.	
Q.4	(b) 1. State the purpose of label on food package.2. Distinguish between hermit pack and a seal	1. State the purpose of label on food package. 07	
Q.5	 (a) Discuss the types of papers used for packaging a (b) Describe about Product labeling in according regulations 		
Q.5	OR (a) Describe about Temper Evident packaging	and child 07	
	resistant packaging with examples (b) What do you mean by biodegradable packagir its importance	ng? Discuss 07	
