Seat N	· · · · · _	Enrolment No GUJARAT TECHNOLOGICAL UNIVERSITY		
		BE- IV th SEMESTER-EXAMINATION – MAY/JUNE- 2012		
Subject code: 142304 Date: 31/)5/2012	
Subj	ect N	Name: Plastics Packaging Technology		
Time	: 10	:30 am – 01:00 pm Total Mar	ks: 70	
Instr	ucti	ons:		
1.	1. Attempt all questions.			
2. 3.				
Q.1	(a)	Define Packaging? Define functions of a package.	07	
C	(b)	Discuss importance of colour as a sales medium. Discuss factors to be considered for selection of colours for packaging.	07	
Q.2	(a)	Discuss packaging materials used by Pharma Industry.	07	
	(b)	What is bag in box packaging? Discuss advantages of this kind of package.	07	
		OR		
	(b)	Explain why regular slotted container (RSC) is popular as transport of package	07	
Q.3	(a)	What is Retort Packaging? What are its applications and advantages and disadvantages.	07	
	(b)	I want to design a package for a product which needs to go for export. The product is a food item . What factors will I consider to design a suitable package.	07	
		OR		
Q.3	(a)	Distinguish between folding cartons and set up box.	07	
	(b)	What are the climatic factors that may cause packaging product to deteriorate?	07	
Q.4	(a)	Discuss with neat sketch the working principle of aerosol package in details	07	
	(b)	What are the design factors consider in good package graphic design?	07	

OR

(b) Discuss importance of glass in packaging. Discuss applications,

(b) Why is metal or glass replaced by plastics in many applications for

(a) What are the advantages and disadvantages of paper based package materials

OR

How are folding cartons classified?

advantages and disadvantages.

packaging? Discuss in detail.

(a) Compare the relative merits of DRD and DWI process

(b) State the role of lamination as packaging materials.

Q.4

Q.5

Q.5

(a)

1

07

07

07

07

07

07