Ref. No. : Ex/PRN/T/224/2017

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B.E. PRINTING ENGINEERING SECOND YEAR SECOND SEMESTER – 2017

Subject: PACKAGING TECHNIQUES-1 Time: 3hr. Full Marks: 100

Answer any 4 questions

1.	a) Describe the protection and convenience aspects of packaging with suitable examples.b) Briefly write on MAP.	15 10
2.	 a) Describe the different treatments normally performed on packaging papers. b) Show the structure of a glass bottle and describe the advantages and disadvantages of packaging material. c) Briefly write on different types of active packaging systems. 	10 glass 10 5
3.	a) Explain the DRD and DWI can making process with required diagrams. State the majo differences between DRD and DWI cans.b) Write on following plastics in packaging context; LDPE, PVC, PS, PET	r 15 10
4.	b) Describe the thermoforming process and state few applications of the same.	8 8 9
5.	h) Dagariha an automina and 11	oer, 15 10
6.	b) Write on different types of paper boards used for packaging.	8 8 9