No. of Printed Pages: 2

BFWE-044

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00254

June, 2017

BFWE-044: POLYMER TECHNOLOGY

Time: 3 hours		${\it Maximum~Marks}:70$		
No	te: Answer any seven equal marks.	questions. All questions of	earry	
1.		us classes of polymers ? e of polymer with suitable	10	
2.	Describe the funct equipments used du Draw neat diagrams. (a) Kneader (b) Injection moulding	ring polymer processing.	10	
3.	Explain the production help of a flow chart.	n of PVC unit sole with the	10	
4.	compound ? State	nts used for EVA mid sole the purpose of each ss the applications of EVA ry.	10	
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5.		n suitable examples.	10
6.	Defi	ine the term polymerization. Why do rmoplastic polymers get softened on heating?	10
7.	poly	te the monomers of PVC and SBR. Which vmeric materials are commonly used in shoe ers? Give justification.	10
8.	in	cuss the uses of different polymeric materials the footwear industry. Write the ideal lities of a shoe soling material.	10
9.	are vari	the various types of polyurethanes. What the properties of polyurethanes? State ous applications of polyurethanes in the wear industry.	10
10.	Wri	te short notes on the following : $4 \times 2 \frac{1}{2}$	=10
	(a)	Composites	
	(b)	Blends	
	(c)	Copolymer	
	(d)	Elastomer	