Seat No.: _		Enrolment No		
BE (SPFU) - SEMES Subject Code: TEE008		Jame: ALTERNATIVE ENERGY SYSTEM30 AM to 01:00 PMTotal::	) - EXAMINATION – SUMMER 2017 Date: 17/06/2017	
	<b>2.</b> I	Attempt an questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a) (b	What is Renewable Energy? Explain fossil fuel system. Different between Non Renewable and Renewable Energy.	07 07	
Q.2	(a) (b	Explain Radiation Measurement System. Explain application of solar photovoltaic systems. OR	07 07	
	(b	Explain any one types of Turbines use in Microhydel power plant.	07	
Q.3	(a) (b	What is Solar Radiation? Explain application of Solar Thermal Systems. Site Selection Criteria for set up Wind Mill Power Plant. OR	07 07	
Q.3	(a) (b	Describe operating principle, construction and working of Bio Gas Plant. Write short note on Solar Photovoltaic systems.	07 07	
Q.4	(a) (b	Advantage of Renewable Energy over Non Renewable Energy. Scenario of Renewable Energy System in India. OR	07 07	
Q.4	(a) (b	Explain working of each component of windmill power plant. Explain types of Windmill with neat sketch.	07 07	
Q.5	(a) (b	Explain application of Biomass. How Hybrid Fuel Cells works? Explain it. <b>OR</b>	07 07	
Q.5	(a) (b	Explain Life Cycle Costing. Differentiate LCC between Wind system and Microhydel System.	07 07	
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