

SARDAR PATEL UNIVERSITY
Programme: M.Sc (Home Science)
Subject: Family Resource Management
Semester: II
Syllabus with Effect from: June - 2013

Paper Code: PH02CFRM05	Total Credit: 2
Title Of Paper: Practical Based on PH02CFRM02	

Unit	Description in detail	Weightage (%)
	Preparing a scrap book of various residential and institutional appliances.	
	Market survey of appliances to know comparative price, features and services available for appliances in local market.	
	Evaluation of various booklets and pamphlets supplied with appliances.	
	Testing of Electric iron as per the IS:1366,1993 Tests: Input test Insulation and leakage current test. Measurement of heating up time Measurement of temperature distribution Measurement of over swing temperature and heating up excess. Measurement of cyclic fluctuation Temperature of different fabric seating Earthing provision test. Testing of Electric Toaster as per the IS: 1287 ,1986 Input test Insulation and leakage current test High voltage test Temperature rise test Performance test	
	Testing of Electric kettle as per the IS: 2367, 1979 Input test Insulation and leakage current test High voltage test Measurement of heating up time Measurement of thermal efficiency	
	Testing of Electric Oven/ Microwave as per the IS:5790 ,1985 Input test Insulation and leakage current test High voltage test Performance test	
	Testing of Room Heater as per the IS :4159 ,1983 Input test Insulation and leakage current test High voltage test Earthing provision test.	
	Testing of Electric Immersion Water Heater as per the IS: 3681,1979 Input test Insulation and leakage current test High voltage test	



	Earthing connection test.	
	Testing of Electric Food Mixers as per the IS :4250,1989 Starting test. Input test Insulation and leakage current test High voltage test Performance test	
	Testing of Vacuum Cleaner as per IS Input test Insulation and leakage current test High voltage test Performance test.	
	Test of Electric Hair Dryer as per the IS :7154 ,1937 Input test Insulation and leakage current test High voltage test Performance test	
	Testing of Domestic Refrigerator as per the IS: 1476,1979 Door seal test Input test Insulation and leakage current test Performance test	
	Testing of Pressure cooker as per the IS: 2347,1974 Capacity test Operational test Performance test Safety test	
	Case Study of any one electrical household appliance -	

