	Indian Institute of Technology, Kharagpur			
	FN rg Semester 2011 ear BTech.(H)	J/AN. Time 2 Hrs. Dept: Mech E	Subject:	Number of Students 98. ME 30608 e: Applied Thermofluids-I
	(ii) the deleter (b) Plants and cre fossil fuels. W (c) What are the in IC Engines (d) How many por Engines? (e) Ignition lag pr Engines. How (f) During idling manifold for or (g) How is chokin (h) What are the electrically to (i) What is atom differences be (j) How is the min (k) How do the ir regulating fue (l) How does air swirl chamber (m) How are the pr regular piston	rious substances in crue atures that died and what were the agents for simplifications that according the crankes ower strokes occur in extremely a simplification of the crankes ower strokes occur in extremely and second in the enging prevented when the parts of the Ignition Diethe primary and second ization and its role in (extremely a second in the achieving of the injection in Diesel Engine the combustion chars?	de oil which are received under la or this conversion? company the replace sealed in Two-S very rotation of the trol Engines but it closed, how do fune? engine is already stributor and how dary of the Ignition internal) combustif atomization in Slare for the nozzle of the helical groove when many companies? The modern acquire swirt on Diesel Engines	cement of valves by ports troke Engines? e shaft in Wankel causes knocking in Diesel ael and air enter the intake warm at start? are they connected on Coil? on? Are there any and CI engines? opening set? ork in conjunction in l in Diesel Engines with
Q2.	1	nist lubrication in any ur Stroke Engines?	way affect mainter	nance schedules of Two-
Q3.	How is spark timing influenced as the mixtures get more and more reactive? What is exhaust gas dilution and how does it affect reactivity and when is it more pronounced?			
Q4.	[5] Friction rises with speed. Yet IC Engines are most efficient at high speeds. Explain. Between Diesel and Petrol engines which engines deviate more from their thermodynamic cycles?			