

91

Vivekananda College of Engineering & Technology, Puttur
 [A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]
 Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08

Rev 1.11

ME

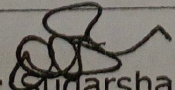
11/02/2022

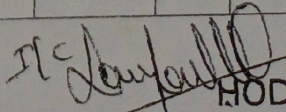
CONTINUOUS INTERNAL EVALUATION - 2

Dept: ME	Sem / Div: 1 st D, E & F	Sub: Elements of Mechanical Engineering	S Code: 21EME15
Date: 18/02/2022	Time: 3:00pm-4:30pm	Max Marks: 40	Elective: N

Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	CO's
PART A				
1	a Explain the working principal of Nuclear Power Plant	10	L2	CO1
	b Describe with a neat sketch working of Pelton Wheel.	10	L2	CO1
OR				
2	a Explain the working principal of Hydel Power Plant	10	L2	CO1
	b Describe with a neat sketch working of Kaplan Turbine.	10	L2	CO1
PART B				
3	a With a neat sketch explain the working principle of 4S Diesel engine	10	L2	CO3
	b Write the Comparison between 4S & 2S engines	5	L2	CO3
	c Write a short note on Classifications of IC Engines	5	L2	CO3
OR				
4	a With a neat sketch explain the working principle of 2S petrol engine.	7	L2	CO3
	b Define Following Terms related with IC Engine: Stroke, Bore, Clearance Volume.	6	L2	CO3
	c Write the Comparison between Petrol and Diesel engines.	7	L2	CO3

Prepared by:  Sudarshan M L


HOD