

Department of Electrical Engineering

Final term exam

Date: 28/09/2020

Course Details

Course Title: Thermodynamics

Module: 02

Instructor: _____

Total Marks: 50

Student Details

Name: _____

Student ID: _____

Q1.	(a)	State the following along with their mathematical expressions: i. The ideal gas law ii. Dalton's law of partial pressure	Marks 04+06
			CLO 2
Q2.	(a)	You need to buy a refrigerator for your home. Outline the key factors that you will consider while buying the refrigerator.	Marks 05+08
			CLO 3
Q3.		Distinguish between water tube & fire tube boilers.	Marks 06
			CLO 3
Q4.		State the meaning of the word "stroke" & describe the working of a 04 stroke engine.	Marks 12
			CLO 3
Q5.	(a)	Explain the concept of Scavenging.	Marks 04+05
			CLO 3
	(b)	Several provincial governments in Pakistan have banned the use of 02 stroke engines in auto rickshaws. Identify the causes behind this decision.	