Name: Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination (Online) – July, 2020

Program/course : MA Economics (EE) Semester : II
Subject : Econometrics Modeling Max. Marks : 100
Code : ECON 7009 Duration : 3 Hrs

IMPORTANT INSTRUCTIONS

- 1. The student must write his/her name and enrolment no. in the space designated above.
- 2. The questions have to be answered in this MS Word document.
- 3. After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.

Attem	pt all the questions	Marks	COs
Q.1	To explain what determines the price of air conditioners, Raju obtained the following regression results based on a sample of 19 air conditioners:	20	CO1
Q.2	Explain the following methods in detecting heteroscedasticity: I. Graphical Method II. Park Test	20	CO2
Q.3	Define Durbin-Watson d test. Explain its assumption and mechanism in detecting autocorrelation.	20	CO3
Q.4	Describe 8-steps of methodology of econometrics with example from energy sector.	20	CO4
Q.5	Define Gauss–Markov theorem with properties of least square estimators.	20	CO3,

ANSWERS