UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination (Online) – July, 2020

Program: BA (Hons.) Energy Economics   **Semester: II**
Subject/Course: Statistical Method   **Max. Marks: 100**
Course Code: DSQT1009   **Duration : 3 Hours**

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.*

	Answer all the questions.	**Marks**	**COs**
Q.1	Describe the criteria of a good estimator.	20	3
Q.2	What are the different measures of dispersion of a distribution? Explain the advantage of coefficient of variation over standard deviation.	20	4
Q.3	Describe the methods of selecting samples from the population.	20	3
Q.4	Discuss the properties of normal distribution and the t-distribution. Explain their	20	3
Q.5	What are the types of variables used in statistical analysis? Explain with example.	20	4

ANSWERS