

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination (Online) – May/June, 2021

Program: BA Economics (Hons.)
Subject/Course: Research Methodology
Course Code: DSRM 3002

Semester: IV
Max. Marks: 100
Duration: 3 Hours

Section-A

Q.No	Question	Marks	COs
1.	Define Nominal and Ordinal scale of measurement.	5	CO1
2.	Discuss the difference between primary and secondary data along with its example.	5	CO1
3	Discuss the difference between population and sample.	5	CO1
4	Accepting the false null hypothesis is known as.....error.	5	CO2
5	All causes non sampling errors except (a) Faulty tools of measurement (b) Inadequate sample (c) Non response (d) Defect in data collection	5	CO3
6	For data 2, 2, 4, 4, 4, 4, 6, 6, 6, 6, 6, 6 what will be the mean, median and mode.	5	CO4

Section-B

7	What is research report. Discuss the layout of research report.	10	CO1												
8	Define any four of the following (a) Measure of Dispersion (b) Hypothesis (c) Correlation (d) Type-I error (e) Non- probability Sampling (f) Research Design	2.5*4=10	CO2												
9	The temperature of two cities A and B in a winter season are given below. <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td style="background-color: #e0e0e0;">Temperature of city A (in degree Celsius)</td> <td style="background-color: #e0e0e0;">18</td> <td style="background-color: #e0e0e0;">20</td> <td style="background-color: #e0e0e0;">22</td> <td style="background-color: #e0e0e0;">24</td> <td style="background-color: #e0e0e0;">26</td> </tr> <tr> <td style="background-color: #e0e0e0;">Temperature of city B (in degree Celsius)</td> <td style="background-color: #e0e0e0;">11</td> <td style="background-color: #e0e0e0;">14</td> <td style="background-color: #e0e0e0;">15</td> <td style="background-color: #e0e0e0;">17</td> <td style="background-color: #e0e0e0;">18</td> </tr> </table> Find which city is more consistent in temperature changes?	Temperature of city A (in degree Celsius)	18	20	22	24	26	Temperature of city B (in degree Celsius)	11	14	15	17	18	10	CO2
Temperature of city A (in degree Celsius)	18	20	22	24	26										
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