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UG/1st Sem/STAT(H)/Pr/2019

2019

B. Sc.

**1st Semester Examination**  
**STATISTICS (Honours)**  
**Paper : GE 1-P**  
**(Practical)**  
**(Statistical Methods LAB)**

Full Marks : 20

Time : 3 Hours

*The figures in th margin indicate full Marks.*  
*Candidates are required to give their answers in their*  
*own words as far as practicable.*

*Answer all questions.*

1. In the following data parts of national unemployment rate for adults males (X) and national unemployment rate for adult females (Y) of USA obtain the two regression equation and the angle between them.

X	Y
2.9	4
6.7	7.4

4.9	5	
7.9	7.2	
9.8	7.9	
6.9	6.1	
6.1	6	
6.2	5.8	
6	5.2	
5.1	4.2	
4.7	4	
4.4	4.4	
5.8	5.2	6+4=10

2. Compute a measure of association for the following data and comment.

Deaths from Tuberculosis (TB) in  
England & Wales in 1956

	<b>Males</b>	<b>Females</b>
TB of respiratory system	3534	1319
Other forms of TB	270	252

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3. Viva. 3

4. Practical Note. 2
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