

U.G. 4th Semester Examination - 2021**STATISTICS****[HONOURS]****Course Code : STAT-H-CC-P-10****(Economic Statistics-Lab.)****[PRACTICAL]**

Full Marks : 25(20+5)

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give answers in their own words as far as practicable.**Notations and symbols have their usual meaning.*

1. Calculate seasonal indices by Ratio to trend method assuming linear trend from the following data.

Year	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
2011	30	40	36	34
2012	34	52	50	44
2013	40	58	54	48
2014	54	76	68	62
2015	80	92	86	82

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2. When price of a commodity is Rs. 10 per unit, its demand is 100 units. When the price falls to Rs. 8 per unit, demand expands to 150 units. Calculate the price elasticity of demand. Comment on the nature of elasticity.

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3. Practical Note Book 5
4. Viva Voce 5

(Internal Assessment : 5)

[Turn over]