TDP (Honours) 4th Semester Exam., 2019

ECONOMICS

(Honours)

FOURTH PAPER

DE STUDIONEUXO

Full Marks: 80

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Time: 3 hours

The figures in the margin indicate full marks for the questions

GROUP—A

(Marks: 40)

(Public Finance)

Answer four questions, taking two from each Unit

UNIT—I

- 1. (a) Distinguish between public goods and private goods.
 - (b) What do you mean by market failure? How does market failure occur?

4+(2+4)=10

M9/1023

(Turn Over)

- 2. Discuss the various sources of public revenue with their classification.
- **3.** (a) Discuss the various types of public expenditure.
 - (b) Explain the role of public expenditure in relation to its effects on different types of economic activities.

 5+5=10

UNIT-II

- 4. (a) Distinguish between public debt and private debt.
 - (b) Explain the methods usually adopted by a government to redeem public debt.

5+5=10

- 5. (a) What do you mean by ability to pay tax?
 - (b) What are the subjective and objective approaches to measure the ability to pay? Explain.

 3+7=10
- 6. Discuss the role of fiscal policy in developing economics.

Find the maintenance of the following a

Wages (Marks: 40) 2 2900W

10 (Basic Statistics) 2900km to 0W

Answer four questions, taking two from each Unit

UNIT-III

- 7. (a) What do you mean by a histogram?
 - (b) Explain with the help of an example and illustrate how it is constructed in the case of a continuous variable with unequal class intervals. 3+(4+3)=10
 - 8. In the following frequency distribution, two class frequencies are missing:

	Value of x	00	, 6 2	3 (2 ,	85.	3,44	ð 5 , 0	6	7
01=	Frequency	2	8	13	F_1	29	F ₂	10	3

Total frequency is 100. Find the two missing frequencies for the above table, given that $\bar{x} = 3.68$. 5+5=10

9. (a) If x_1 and x_2 are two positive values of a variate, prove that their geometric mean is equal to the geometric mean of their arithmetic mean and harmonic mean.

No. of employees

(b) Find the modal wage from the following:

Wages	50-59-99	60-69-99	70–79·99	80-89-99	
No. of employees	8 (2)	23 10	16	14	

Wages	90-99-99	100–109·99	110–119-99
No. of employees	10	5	2

5+5=10

Explain with VI to TINU of an example and

What do you mean or a ristogram?

10. (a) Prove that standard deviation is independent of change of origin, but is dependent on change of scale.

illustrate how it is constructed in the.

(b) Find the standard deviation from the following data:

49, 63, 46, 59, 65, 52, 60, 54

6+4=10

- 11. (a) What is a scatter diagram? Indicate by means of suitable scatter diagrams different types of correlation that may exist between the variables in a bivariate data.
 - (b) If u = 2-3x and v = 5+6y and if $r_{xy} = 0.6$, then find r_{uv} . 6+4=10

- 12. (a) Define raw moment and the central moment about an arbitrary origin of a frequency distribution.
 - (b) Discuss the various types of kurtosis using suitable diagrams. (2+3)+5=10

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