

TDP (Honours) 4th Semester Exam., 2019

ECONOMICS

(Honours)

FOURTH PAPER

Full Marks : 80

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

2. Discuss the various sources of public revenue with their classification. 10

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. 10

(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	10	16	14

Wages	90-99.99	100-109.99	110-119.99
No. of employees	10	5	2

$5+5=10$

UNIT—IV

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

(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} .

$6+4=10$

(5)

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. $(2+3)+5=10$
