

# Contents

<b>Contents</b>	<b>5</b>
<b>1 Introduction to Public Economics</b>	<b>9</b>
1.1 Introduction.....	9
<b>2 Economic Foundations of the Modern State</b>	<b>11</b>
2.1 Market Failure .....	11
2.2 Allocation Function of Government.....	12
2.2.1 Common Property (Common Pool) Resources.....	13
2.2.2 Public Goods.....	15
2.2.3 Externalities and Mixed Goods .....	17
2.3 Distribution Function of Government .....	19
2.4 Regulation Function of Government.....	21
2.5 Stabilization Function of Government.....	21
<b>3 Economic Analysis of Public Goods</b>	<b>23</b>
3.1 Providing Public Goods in an Efficient Way – Partial Equilibrium Analysis.....	23
<b>4 Collective choice</b>	<b>28</b>
4.1 Collective Choice, Defining the Problems Facing the Collective Choice .....	28
4.2 Defining the Problems Facing the Collective Choice.....	28
4.2.1 Public Interest Principle v. Personal Interest Principle.....	29
4.2.2 Majority Voting .....	31
4.2.3 Intensity of Preferences .....	32
4.2.4 Trading Votes (Mutual Support) .....	32
4.2.5 Majority Voting and Two Public Goods.....	33
4.2.6 Transaction costs and Non-market Decision Making .....	35
4.3 Economic Theory of Politics.....	37

4.4	Theoretical and Empirical Analysis of Public Expenditure Growth: Macromodels .....	41
4.4.1	Macromodels of Public Expenditure .....	43
4.4.2	Development Models of Public Expenditure Growth .....	43
4.4.3	Wagner's Law.....	44
<b>5</b>	<b>Economic Analysis of Bureaucracy .....</b>	<b>46</b>
5.1	Economic Analysis of Bureaucracy.....	46
5.1.1	Bureaucrats and Allocative Inefficiency: Niskanen's model.....	49
5.1.2	The Principal-Agent Problem: Demand Forced by Supply .....	53
5.1.3	Bureaucrats and X-inefficiency.....	55
<b>6</b>	<b>Introduction to Taxation .....</b>	<b>57</b>
6.1	Introduction to Taxation Policy.....	57
6.2	Principles of Taxation .....	58
6.3	The Benefit Principle of Taxation and the Ability-to-pay Approach.....	58
6.3.1	Benefit Principle of Taxation .....	58
6.3.2	Ability-to-pay Approach.....	59
6.3.3	Criticism of Ability-to-pay Approach .....	63
6.4	Tax Classification .....	64
<b>7</b>	<b>Partial Equilibrium Analysis of Taxes: Taxes in One Sector of the Economy .....</b>	<b>66</b>
7.1	Introduction .....	66
7.1.1	Ordinary Demand, Compensated Demand and Consumer Surplus – Explanation of Terms.....	67
7.2	Taxes on the Outputs of Competing Sectors of the Economy.....	68
7.2.1	Per Unit Taxes.....	68
7.2.2	Per Unit Subsidies.....	71
7.2.3	Ad Valorem Taxes .....	72
7.2.4	Comparison of Per Unit Tax and Ad Valorem Tax .....	73

7.2.5	Taxes on Goods and Inflation.....	74
<b>8</b>	<b>Optimal Taxation and Income Distribution</b>	<b>78</b>
8.1	Introduction.....	78
8.2	Optimal Linear Income Tax.....	79
8.3	Optimal Non-Linear Income Tax.....	83
8.3.1	Society with Two Individuals.....	84
8.3.2	Society with Three Individuals.....	89
8.3.3	Society with Many Individuals.....	90
<b>9</b>	<b>Models of the Economic Impact of Tax Policy</b>	<b>94</b>
9.1	General and Selective Taxes on Two Present Goods.....	94
9.2	General and Selective Taxes in an Environment with More than Two Present Goods (Optimal Taxation of Commodities).....	96
9.2.1	Ramsey Rule.....	96
9.2.2	Corlett-Hague Rule.....	98
9.2.3	Other Factors.....	98
9.3	Taxation and the Choice Between Income and Leisure in Identical Individuals.....	99
9.4	Curves of Ordinary and Compensated Labour Supply.....	100
9.5	Labour Supply and Excess Burden in Proportional Income Taxes.....	103
9.6	Effects of Non-Proportional Tax Changes on Labour Supply.....	103
9.7	Effects of Inflation on Taxation of Income and Leisure.....	106
9.8	Effects of Income Taxation on Consumption and Savings.....	108
<b>10</b>	<b>Measures to Reduce Poverty</b>	<b>112</b>
10.1	Poverty.....	112
10.2	Poverty and Inequity.....	113
10.3	Determining the Poor.....	113
10.4	Possible Risks of the System of Pecuniary Subsidies for the Poor.....	114
10.4.1	Poverty Trap.....	114
10.4.2	Unemployment Trap.....	114

10.4.3	Targeting.....	114
10.4.4	Administrative Costs.....	115
10.5	Approaches to Reform.....	115
10.5.1	Geometry of the Reform.....	115
10.5.2	Benefits for Extraordinary Situations.....	117
10.5.3	Payments in Cash or in Kind.....	118
10.5.4	Universal v. Means-Tested Benefits.....	119
10.5.5	Simplicity v. Needs.....	120
<b>11</b>	<b>Corporate Taxation</b>	<b>122</b>
11.1	Reasons for Corporate Taxation.....	122
11.2	Nature and Measuring of Corporate Profits.....	123
11.3	Classification of Corporate Taxation Systems.....	124
11.4	Impacts of Corporate Tax.....	125
11.4.1	Short-Term Effects.....	126
11.4.2	Long-Term Effects.....	126
11.4.3	Harberger's Triangle.....	127
11.5	Distortionary Effects of Corporate Tax.....	129
11.5.1	Distortion between Dividends and Retained Earnings.....	129
11.5.2	Distortion between Equity Financing and Debt Financing.....	130
11.6	Effect of Corporate Tax on Household Income.....	130
11.7	Corporate tax in Times of Inflation.....	131
<b>12</b>	<b>Conclusion</b>	<b>133</b>
<b>13</b>	<b>Works Cited and Consulted</b>	<b>134</b>