

Volume Three – The Development of Capitalism in Russia

The Development of Capitalism in Russia. The Process of the Formation of a Home Market for Large-Scale Industry 21-607

Preface to the First Edition 25

Preface to the Second Edition 31

Chapter I The Theoretical Mistakes of the Narodnik Economists 37

- I. The Social Division of Labour 37

The increase in the number of industries 37-38 The creation of a home market as a result of the social division of labour 38 The manifestation of this process in agriculture 38-39 The views of the Narodnik economists 39

- II. The Growth of the Industrial population at the Expense of the Agricultural 40

The necessary connection between this phenomenon and the very nature of commodity and capitalist economy 40-41

- III. The Ruin of the Small Producers 41

The mistaken view of the Narodniks 41 The view of the author or Capital on this subject 42

- IV. The Narodnik Theory of the Impossibility of Realising Surplus-Value 43

The substance of the theory of Messrs. V. V. and N. on its erroneous character 43-45 The 'foreign market' is wrongly dragged into the problem of realisation 46 The superficial estimation of the contradictions of capitalism by the writers mentioned 47

- V. The Views of Adam Smith on the Production and Circulation of the Aggregate Social Product in Capitalist Society and Marx's Criticism of These Views 47

Adam Smith's omission of constant capital 47-49 The influence of this error on the theory of the national revenue 49-50

- VI. Marx's Theory of Realisation 51

The basic premises of Marx's theory 51-52 The realisation of the product under simple reproduction 52-53 The main conclusion from Marx's theory of realisation 54-55 The significance of productive consumption 55-56 The contradiction between the urge towards the unlimited growth of production and the limited character of consumption 56-58.

- VII. The Theory of the National Income 58

Proudhon 59-60, Rodbertus 60-62, contemporary economists 62, Marx 63-64

- VIII. Why Does the Capitalist Nation Need a Foreign Market? 64

The causes of the need for a foreign market 64-66 The foreign market and the progressive character of capitalism 66-67

- IX. Conclusions from Chapter I 67

Resume of the propositions examined above 67-68 The essence of the problem or the home market 69

Chapter II. The Differentiation of the Peasantry 70

- I. Zemstvo Statistics for Novorossia 70

Economic groups of the peasantry 70-71 Commercial agriculture and the purchase and sale of labour-power 72 The top group; the concentration of land 72-73, and of animals and implements 73, the higher productivity of labour 74-75 Mr. V. V.'s argument on the decline in horse-ownership 75 The hiring of farm workers and Mr. V. V.'s argument on this phenomenon 76-77 The bottom group or the peasantry; the leasing of land 77-78 The middle group, its instability 79-80 Messrs. V. V. and Karyshev on peasant rentings 80-84 The attitude of the Narodniks to Mr. Postnikov's researches 84-85

- II. Zemstvo Statistics for Samara Gubernia 85

Data concerning the farms of the different peasant groups in Novouzensk Uyezd 85-87 The land held and the land in use by the different groups 87-88 Mr. Karyshev on land renting and grain prices 88-90 Wage-labour; the creation of a home market by the differentiation of the peasantry 90-92 The rural proletariat in Samara Gubernia 92-93

- III. Zemstvo Statistics for Saratov Gubernia 93

Data concerning the farms of the different groups 93-94 The hiring of farm workers 94-95 'Industries' in Zemstvo statistics 95-96 Rentings 96-97 The arguments on land renting advanced by Messrs. Karyshev, N.-on, and Maress 97-101 A comparison of Kamyshin and other uyezds 101-102 The significance of the classification of peasant households 102-105

- IV. Zemstvo Statistics for Perm Gubernia 106

Data concerning the farms of the different groups 106-107 The hiring of farm workers and day labourers and its significance 108-110 The manuring of the soil 110 Improved implements 110-111 Commercial and Industrial establishments 111-112

- V. Zemstvo Statistics for Orel Gubernia 112

Data concerning the farms of the different groups 112-113 Incompleteness of the picture or differentiation from the data for Orel Gubernia 113-115

- VI. Zemstvo Statistics for Voronezh Gubernia 115

Methods of classification in Voronezh abstracts 115-116 Data for Zadonak Uyezd 116-117 Industries 117-118.

- VII. Zemstvo Statistics for Nizhni-Novgorod Gubernia 119

Data concerning groups or farms for three uyezds 119-122

- VIII. Review of Zemstvo Statistics for Other Gubernias 122

Novgorod Gubernia, Demyansk Uyezd 122-123 Chernigov Gubernia, Kozelet Uyezd 123 Yenisci Gubernia 124 Poltava Gubernia, three uyezds 125 Kaluga Gubernia 126 Tver Gubernia 126-127

- IX. Summary of the Above Zemstvo Statistics on the Differentiation of the Peasantry 127

Methods of making the summary 127-129 Combined table and chart 130-133 and 140-141
Examination of the various columns of the chart 134-139 Comparison between different localities as to degree of differentiation 140-141

- X. Summary of Zemstvo Statistics and Army-Horse Census Returns 141

Zemstvo statistics for 112 uyezds or 21 gubernias 141-143 Army-horse census returns for 49 gubernias of European Russia 143-144 Significance of these data 144-145

- XI. A Comparison of the Army-Horse Censuses of 1888-1891 and 1896-1900 146

Data for 48 gubernias of European Russia 146-147 Statistical exercises of Messrs Vikhlyayev and Chernenkov 147-148

- XII. Zemstvo Statistics on Peasant Budgets 148

Character of data and methods of treating them 148-150 (A). General results of the budgets 150-157 Magnitude of expenditures and incomes 150 Components of expenditures 151 Components of incomes 152-153 Cash portions of the budgets 154-155 The significance of taxes 156-157 (B). A characterisation of peasant farming 157-162 General data about the farms 157- 158 Property and Implements 159 Farm expenditure 160-161 Income from agriculture 161 An apparent exception 161-162 (C). A characterisation of the standard of living 162-172 Expenditure on food in kind 162-163 Expenditure on food in cash 163-164 Remaining expenditures on personal consumption 165 Cash expenditure on personal and productive consumption 165-166 Mr. N.-on about the top 'stratum' of the peasantry 166-167 A comparison between the standard of living of rural workers and peasants 167-169 Methods of Mr. Shcherbina 170-172

- XIII. Conclusions from Chapter II 172

The significance of commodity economy 172 1) Capitalist contradictions within the village community 172- 173 2) 'Depeasantising' 173-174 3) Characterisation of this process in Capital 173-176 4) The peasant bourgeoisie 176-177 5) The rural proletariat. The European type of allotment-holding rural worker 177-180 6) The middle peasantry 181 7) The formation of a home market for capitalism 181 8) Increasing differentiation; significance of migration 182-183 9) Merchant's and usurer's capital. The presentation of the problem in theory. The connection between these forms of capital and industrial capital 185-186 10) Labour-service and its influence on the differentiation of the peasantry 186-187

Chapter III. The Landowners' Transition from Corvée to Capitalist Economy 191

- I. The Main Features of Corvée Economy 191

The essence of the serf system of economy and the conditions for it 191-193

- II. The Combination of the Corvée and the Capitalist Systems of Economy 193

The remnants of the old system after the Reform 193-194 The labour-service and the capitalist systems 194-195 Their relative incidence 195-197 The transition from the labour-service system to the capitalist 197-198

- III. Description of the Labour-Service System 198

Types of labour-service 198-199 Rentings in kind and their significance 199-200 The payment of labour under labour-service 201-203 Personal dependence under labour-service 203-204 General estimation of labour service 204-201

- IV. The Decline of the Labour-Service System 205

Two types of labour-service 205-206 The significance of the differentiation of the peasantry 206-208 View of Mr. Stebut 209 Views in various publications 209-210

- V. The Narodnik Attitude to the Problem 210

The idealisation of labour-service 210-211 Mr. Kablukov's argument 211-215

- VI. The Story of Engelhardt's Farm 215

The original condition of the farm and the nature of the gradual changes made in it 216-219

- VII. The Employment of Machinery in Agriculture 219

Four periods in the development of agricultural machinery production 219-220 Incompleteness of official statistics 220-223 Data on the employment of various agricultural machines 223-229

- VIII. The Significance of Machinery in Agriculture 228

The capitalist character of the employment of machinery 228-230 Results of the employment of machinery 230-235 The inconsistency of the Narodniks 235-237

- IX. Wage-Labour in Agriculture 237

'Agricultural outside employments' 237, their significance 237-238, their scale 239-240 Number of agricultural workers in all European Russia 240-242

- X. The Significance of Hired Labour in Agriculture 242

The conditions of agricultural workers 242-243 Specific forms of hire 243-245 The conditions of workers of small and big employers 245-246 First elements of public control 246-248 The appraisal of agricultural migration by the Narodniks 248-251

Chapter IV. The Growth of Commercial Agriculture 252

- I. General Data on Agricultural Production in Post Reform Russia and on the Types of Commercial Agriculture 252

The production of cereals and potatoes in 1864-1865, 1870-1879, 1883-1887, 1885-1894, 252-253 Potato sowing and its significance 253-254 Areas of commercial agriculture 255 Mr. Kablukov's arguments 256

- II. The Commercial Grain-Farming Area 257

The shifting of the principal centre of cereal production 257 The significance of the outer regions as colonies 257- 258 The capitalist character of agriculture in this area 259-261

- III. The Commercial Stock-Farming Area. General Data on the Development of Dairy Farming 261

The significance of stock farming in the different areas 261-262 The calculation of Messrs. Kovalevsky and Levitsky 263 The development of cheese-making 264-266 The incompleteness of official data 266 Technical progress 266-267

- IV. Continuation. The Economy of Landlord Farming in the Area Described 267

The rationalisation of agriculture 267-268 'Amalgamated dairies' and their significance 268-270 The formation of a home market 270 The migration of agricultural workers to the industrial gubernias 271 The more even distribution of jobs throughout the year 271-273 The small cultivators dependence and its estimation by Mr. V. V. 273-275

- V. Continuation. The Differentiation of the Peasantry in the Dairy-Farming Area 275

The distribution of cows among the peasants 275-276 Details of St. Petersburg Uyezd 276-278 Progressive trends in peasant farming 279-280 The influence of this progress on the poor 280-282

- VI. The Flax-Growing Area 282

The growth of commercial flax-growing 282-284 Exchange between different types of commercial agriculture 284 'Extremes' in the flax area 285 Technical improvements 285-287

- VII. The Technical Processing of Agricultural Produce 287

The significance of the factory or technical system of farming 287-288

1.) Distilling 288

The extent of agricultural distilling 288-289 The development and the significance of potato distilling 289- 292

2) Beet-Sugar Production 291

The growth of sugar-beet production 291-292 The progress of capitalist agriculture 292-294

3) Potato-Starch Production 294

Its growth 294-295 Two processes in the development of this branch of production 295 The starch 'industry' in Moscow Gubernia 295-297 and in Vladimir Gubernia 297-298

4) Vegetable Oil Production 298

The dual process of its development 298 Oil pressing as a cottage industry 299-300

5) Tobacco Growing 300

- VIII. Industrial Vegetable and Fruit Growing; Suburban Farming 304

The growth of commercial fruit growing 304 and vegetable growing 304-305 Peasant vegetable growers in the St. Petersburg, Moscow and Yaroslavl gubernias 305-307 The hot-house industry 307 Industrial melon growing 307-309 Suburban farming and its characteristics 309-310

- IX. Conclusions on the Significance of Capitalism in Russian Agriculture 310

1) On the transformation of agriculture into enterprise 310 2) The specific features of capitalism in agriculture 311-312 3) The formation of a home market for capitalism 312-313 4) The progressive historical role of capitalism in Russian agriculture 314-318

- X. Narodnik Theories on Capitalism in Agriculture - 'The Freeing of Winter Time' 318

The narrow and stereotyped character of this theory 318 Its omission of highly important aspects of the process 318-323

- XI. Continuation. - The Village Community - Marx's View on Small-Scale Agriculture - Engels's Opinion of the Contemporary Agricultural Crisis 321

The Narodniks wrong presentation of the problem of the village community 323-325 Their misunderstanding of a passage in Capital 325-326 Marx's estimation of peasant agriculture 326-327 His estimation of agricultural capitalism 327 Mr. N.- en's inappropriate quotation 327-330

Chapter V. The First Stages of Capitalism in Industry 331

- I. Domestic Industry and Handicrafts 331

The remnants of domestic industry 331 The extent or the prevalence of handicrafts 332-333, their basic features 333-334

- II. Small Commodity-Producers in Industry. The Craft Spirit in the Small Industries 334

The transition from handicrafts to commodity production 334-335 The fear of competition 335-337

- III. The Growth of Small Industries after the Reform. Two Forms of This Process and Its Significance 338

Causes of the growth of small industries 338 The settlement of industrialists in the outer regions 339 The growth of small industries among the local population 339-341 The shift of capital 342-343 The connection between the growth of small industries and the differentiation of the peasantry 343

- IV. The differentiation of the Small Commodity-Producers. Data on House-to-House Censuses of Handicraftsmen in Moscow Gubernia 344

Presentation of the problem 344 The method of processing the data 344-346 Combined table and chart 347 and 349 Conclusions: wage-labour 348, 351, productivity of labour 351-353, incomes 355 The petty-bourgeois structure of handicraft industries 355

- V. Capitalist Simple Co-operation 356

Its significance and influence on production 356-359 Artels 359-360

- VI. Merchant's Capital in the Small Industries 360

The conditions that give rise to the buyer-up 360-362 Tradeswomen in the lace industry 362-364 Examples of marketing organisation 364-366 Views of the Narodniks 366-367 Forms of merchant's capital 367-3611

- VII. 'Industry and Agriculture' 369

Data of the table 369-370 The agriculture of wage workers 371 'Land labourers' 371-372 Other data concerning industry and agriculture 372-376 Length of the working period 376 Resume 376-378

- VIII. 'The Combination of Industry with Agriculture' 378

The Narodniks' theory 378 The forms in which industry is combined with agriculture and their diverse significance 378-380

- IX. Some Remarks on the Pre-Capitalist Economy of Our Countryside 380

Chapter VI. Capitalist Manufacture and Capitalist Domestic Industry 384

- I. The Rise of Manufacture and Its Main Features 384

The concept of manufacture 384, its dual origin 384-385 and significance 385

- II. Capitalist Manufacture in Russian Industry 386

1) The Weaving Industries 386

2) Other Branches of the Textile Industry

The Felt Trade 390

3) The Hat-and-Cap and Hemp-and-Rope Trades 393

4) The Wood-Working Trades 397

5) The Processing of Livestock Produce. The Leather and Fur Trades 402

6) The Remaining Livestock Processing Trades 409

7) The Processing of Mineral Products 413

8) The Metal Trades. The Pavlovo Industries 415

9) Other Metal Trades 419

10) The Jewellery, Samovar and Accordion Trades 422

- III. Technique in Manufacture. Division of Labour and Its Significance 427

Hand production 427-428, apprenticeship 427-428 Division of labour as a stage preparatory to large-scale machine industry 428-429, its influence on the workers 429- 431

- IV. The Territorial Division of Labour and the Separation of Agriculture from Industry 431

Mr. Kharizomenov's opinion 431-432 Non-agricultural centres 432-434 The transitional character of manufacture 434-435 The raising of the cultural level of the population 434-435

- V. The Economic Structure of Manufacture 435

The circumstances of production 435-436 How Mr. Ovsyannikov and Kharizomenov describe it 436-438

- VI. Merchant's and Industrial Capital in Manufacture. The 'Buyer-up' and the 'Factory Owner' 438

The connection between the big and the small establishments 438-440 The error of the Narodniks 441

- VII. Capitalist Domestic Industry as an Appendage of Manufacture 441

Its incidence 441-442, its characteristic features 442-445, the conditions making for its spread 445-446, its significance in the theory of the surplus-population 446-448

- VIII. What Is 'Handicraft' Industry? 448

Some aggregate statistics on handicraftsmen 448- 450 The predominance of capitalistically employed workers 450-451 The vagueness of the term 'handicraft' and the abuse of it 451-453

Chapter VII. The Development of Large-Scale Machine Industry 454

- I. The Scientific Conception of the Factory and the Significance of 'Factory' Statistics 454
- II. Our Factory Statistics 456

Their sources 456 Publications of the 60s 457-458 The specific character of the Military Statistical Abstract 459-461 Mr. Orlov's Directory 461-462 The Collections of the Department of Commerce and Manufactures 463-464 The Returns for Russia for 1884-85; Mr. Karjshev 's errors 464-465 Data of gubernia statistical committees 466 The List 466 Is the number of factories in Russia growing? 467-468

- III. An Examination of Historico-Statistical Data on the Development of Large-Scale Industry 468

1) Textile Trades 469

2) Wood-Working Industries 474

3) Chemical, Livestock Product and Ceramic Industries 475

4) Metallurgical Industries 478

5) Food Industries 479

6) Excise-Paying and Other Trades 481

7) Conclusions 483

- IV. The Development of the Mining Industry 484

The Urals, their specific features 484-488 The South 488-491 The Caucasus 491-492 The big and small mines in the Donets Basin 492-494 The significance of the data on the development of the mining industry 494- 496

- V. Is the Number of Workers in Large Capitalist Enterprises Growing? 496

Data for the years 1865 and 1890 496-499 Mistaken method of the Narodniks 499-507

- VI. Steam-Engine Statistics 507

Data for the years 1875-1878 and 1892 507-509

- VII. The Growth of Large Factories 509

Data for the years 1866, 1879, 1890 and 1894-95 509- 514 The largest enterprises in factory industry and in the mining industry 514-515 The errors of Mr. N.-on 515-517

- VIII. The Distribution of Large-Scale Industry 518

Data on the leading centres of factory industry in the years 1879 and 1890 516-519 Three types of centres 519- 521 The classification of centres 521-523 The growth of rural factory centres and its significance 523-525

- IX. The Development of the Lumber and Building Industries 525

The growth of the lumber industry 525-526; its organisation 526-530 The growth of capitalism in the building industry 530-33

- X. The Appendage to the Factory 534
- XI. The Complete Separation of Industry from Agriculture 536

The error of the Narodniks 536-537 Moscow Zemstvo sanitary statistics 537-541

- XII. Three Stages in the Development of Capitalism in Russian Industry 541

The connection between all the stages 541-43 Specific technical features 541-543 The growth of capitalist relationship 543-544 The character of the development of Industry 544-545 The separation of Industry from agriculture 545-548 Differences in living conditions 548- 550 The growth of the home market 550-551

Chapter VIII. The Formation of the Home Market 552

- I. The Growth of Commodity Circulation 552

The development of the railways 552-553, water transport 553-554, commerce and the banks 554-557

- II. The Growth of the Commercial and Industrial Population 557

1) The Growth of the Towns 557

2) The Significance of Home Colonisation 562

3) The Growth of Factory and of Commercial and Industrial Townships and Villages 566

4) Non-Agricultural Outside Employments 568

Non-agricultural outside employments 568-581, their size and growth 568-576, their progressive role 576-581, the appraisal of them by Narodnik writers 579-581

- III. The Growth of the Employment of Wage-Labour 581

Approximate number of wage-workers 581-583 Capitalist surplus-population 583 The error of the Narodniks 583-586

- IV. The Formation of a Home Market for Labour-Power 586

The main movements of wage-worker in connection with the size of wages 586-589 The formation of a home market 589-590 Mr. N-on's 'theory' 590-591

- V. The Significance of the Border Regions. Home or Foreign Market? 591

Capitalism's urge for expansion 591-592 The example of the Caucasus 593-594 Two aspects of the process of the formation of a market 594-596

- VI. The 'Mission' of Capitalism 596

The Increase In the productivity of social labour 596- 598 The socialisation of labour 598-600 The cause of differences with the Narodniks 600-601

Appendices:

- I. Combined Table of Statistics on Small Peasant Industries of Moscow Gubernia (to Chapter V, p345) 600-601
- II. Table of Statistics on the Factory Industry of European Russia (to Chapter VII, p456) 601
- III. The Chief Centres of Factory Industry in European Russia (to Chapter VII, p519) 603

Uncritical Criticism. (Regarding Mr. P. Skvortsov's Article 'Commodity Fetishtism' in Nauchnove Obozreniye, No. 12, 1899) 609

- I. 611
- II. 618
- III. 624

Notes 633