

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

ISBN 81-7450-715-9

First Edition

March 2007 Phalguna 1928

Reprinted

February 2008 Magha 1929 February 2009 Magha 1930 January 2010 Magha 1931 January 2011 Magha 1932 January 2012 Magha 1933 January 2013 Pausa 1934 January 2014 Pausa 1935 December 2014 Pausa 1936 December 2015 Pausa 1937 February 2017 Magha 1938 January 2018 Magha 1939 January 2019 Pausa 1940 September 2019 Bhadrapada1941

PD 310T BS

© National Council of Educational Research and Training, 2007

to pe te

₹ 75.00

Printed on 80 GSM paper with NCERT watermark

Published at the Publication Division by the Secretary, National Council of Educational Research and Training, Sri Aurobindo Marg, New Delhi 110 016 and printed at Raj Printers, A-9, Sector B-2, Tronica City Industrial Area, Loni, District Ghaziabad - 201 102 (U.P.)

ALL RIGHTS RESERVED

- ☐ No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the
- This book is sold subject to the condition that it shall not, by way of trade, be lent, re-sold, hired out or otherwise disposed of without the publisher's consent, in any form of binding or cover other than that in which it is published.
- ☐ The correct price of this publication is the price printed on this page, Any revised price indicated by a rubber stamp or by a sticker or by any other means is incorrect and should be unacceptable.

OFFICES OF THE PUBLICATION DIVISION, NCERT

NCERT Campus Sri Aurobindo Marg

New Delhi 110 016 Phone: 011-26562708

108, 100 Feet Road Hosdakere Halli Extension Banashankari III Stage

Bengaluru 560 085 Phone: 080-26725740

Naviivan Trust Building P.O.Navjivan

Ahmedabad 380 014

Phone: 079-27541446

CWC Campus Opp. Dhankal Bus Stop Panihati

Kolkata 700 114 Phone: 033-25530454

CWC Complex Maligaon Guwahati 781 021

Phone: 0361-2674869

Publication Team

Head, Publication

M. Siraj Anwar

Division

Chief Editor Shveta Uppal

Chief Production

Officer

Arun Chitkara

Chief Business

Bibash Kumar Das

Manager

Editor : R.N. Bhardwaj

Production Officer : A.M. Vinod Kumar

Cover, Layout and Illustrations

Blue Fish

Cartoonist

Irfan

Foreword

The National Curriculum Framework (NFC) 2005, recommends that children's life at school must be linked to their life outside the school. This principle marks a departure from the legacy of bookish learning which continues to shape our system and causes a gap between the school, home and community. The syllabi and textbooks developed on the basis of NCF signify an attempt to implement this basic idea. They also attempt to discourage rote learning and the maintenance of sharp boundaries between different subject areas. We hope these measures will take us significantly further in the direction of a child-centred system of education outlined in the National Policy on Education (1986).

The success of this effort depends on the steps that school principals and teachers will take to encourage children to reflect on their own learning and to pursue imaginative activities and questions. We must recognise that, given space, time and freedom, children generate new knowledge by engaging with the information passed on to them by adults. Treating the prescribed textbook as the sole basis of examination is one of the key reasons why other resources and sites of learning are ignored. Inculcating creativity and initiative is possible if we perceive and treat children as participants in learning, not as receivers of a fixed body of knowledge.

These aims imply considerable change in school routines and mode of functioning. Flexibility in the daily time-tables is as necessary as rigour in implementing the annual calendar so that the required number of teaching days are actually devoted to teaching. The methods used for teaching and evaluation will also determine how effective this textbook proves for making children's life at school a happy experience, rather than a source of stress or problem. Syllabus designers have tried to address the problem of curricular burden by restructuring and reorienting knowledge at different stages with greater consideration for child psychology and the time available for teaching. The textbook attempts to enhance this endeavour by giving higher priority and space to opportunities for contemplation and wondering, discussion in small groups, and activities requiring hands-on experience.

The National Council of Educational Research and Training (NCERT) appreciates the hardwork done by the textbook development committee responsible for this textbook. We wish to thank the Chairperson of the advisory group in Social Sciences, Professor Hari Vasudevan, and the *Chief Advisor* for this textbook, Professor Tapas Majumdar, for guiding the work of this committee. Several teachers

contributed to the development of this textbook; we are grateful to their principals for making this possible. We are indebted to the institutions and organisations which have generously permitted us to draw upon their resources, material and personnel. We are especially grateful to the members of the National Monitoring Committee, appointed by the Department of Secondary and Higher Education, Ministry of Human Resource Development under the Chairpersonship of Professor Mrinal Miri and Professor G.P. Deshpande, for their valuable time and contribution. As an organisation committed to systemic reform and continuous improvement in the quality of its products, NCERT welcomes comments and suggestions which will enable us to undertake further revision and refinement.

New Delhi 16 February 2007 Director
National Council of Educational
Research and Training

O be republished

Textbook Development Committee

CHAIRPERSON, ADVISORY COMMITTEE FOR SOCIAL SCIENCE TEXTBOOKS AT THE HIGHER SECONDARY LEVEL

Hari Vasudevan, *Professor*, Department of History, University of Calcutta, Kolkata

CHIEF ADVISOR

Tapas Majumdar, *Professor Emeritus of Economics*, Jawaharlal Nehru University, New Delhi.

ADVISOR

Satish Jain, *Professor*, Centre for Economics Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi

MEMBERS

Debarshi Das, *Lecturer*, Department of Economics, Punjab University, Chandigarh

Saumyajit Bhattacharya, *Senior Lecturer*, Department of Economics, Kirorimal College, University of Delhi, New Delhi

Sanmitra Ghosh, *Lecturer*, Department of Economics, Jadavpur University, Kolkata

Malbika Pal, *Senior Lecturer*, Department of Economics, Miranda House, University of Delhi, New Delhi

MEMBER-COORDINATOR

Jaya Singh, *Lecturer*, Economics, Department of Education in Social Sciences, NCERT, New Delhi

Acknowledgements

The National Council of Educational Research and Training acknowledges the invaluable contribution of academicians and practising school teachers for bringing out this textbook. We are grateful to Subrato Guha, *Assistant Professor*, Jawaharlal Nehru University, for going through our manuscript and suggesting relevant changes. We thank Sunil Ashra, *Associate Professor*, Management Development Institute, Gurgaon, for his contribution. We also thank our colleagues Neeraja Rashmi, *Reader*, Curriculum Group; M.V. Srinivasan, Ashita Raveendran, Pratima Kumari, *Lecturers*, Department of Education in Social Sciences and Humanities, (DESSH), for their feedback and suggestions.

We would like to place on record the precious advise of (Late) Dipak Banerjee, *Professor* (Retd.), Presidency College, Kolkata. We could have benefited much more of his expertise had his health permitted.

The practising school teachers have helped in many ways. The council expresses its gratitude to S.K. Mishra, *PGT* (Economics), Kendriya Vidyalaya, Uttarkashi, Uttarakhand; Ambika Gulati, *Head*, Department of Economics, Sanskriti School; B.C. Thakur, *PGT* (Economics), Government Pratibha Vikas Vidyalaya, Surajmal Vihar; Ritu Gupta, *Principal*, Sneh International School, Rashmi Sharma, *PGT* (Economics), Kendriya Vidyalaya, JNU Campus, New Delhi.

We also thank Savita Sinha, Professor and Head, DESSH for her support.

Special thanks are due to Vandana R.Singh, *Consultant Editor*, for going through the manuscript.

The council gratefully acknowledges the contributions of Dinesh Kumar, *In-charge*, Computer Station; Amar Kumar Prusty, *Copy Editor*, in shaping this book. The contribution of the Publication Department in bringing out his book is duly acknowledged.

This textbook has been reviewed with the support of Archana Aggarwal, Assistant Professor, Hindu College; Malabika Pal, Associate Professor, Miranda House; Lokendra Kumawat, Assistant Professor, Ramjas College; T. M. Thomas, Associate Professor, Deshbandhu College, Delhi School of Arts and Commerce and Rashmi Sharma, Assistant Professor, (DCAC). Their contributions are duly acknowledged.

The council is also thankful to Tampakmayum Alan Mustofa, *JPF*; Farheen Fatima, and Amjad Husain, *DTP Operators*, in shaping this textbook.

contents

F ore	WORD	iii
1. In	TRODUCTION	1
1.1	Emergence of Macroeconomics	5
1.2	Context of the Present Book of Macroeconomics	6
2. NA	ATIONAL INCOME ACCOUNTING	9
2.1	Some Basic Concepts of Macroeconomics	9
2.2	Circular Flow of Income and Methods of	
	Calculating National Income	14
	2.2.1 The Product or Value Added Method	17
	2.2.2 Expenditure Method	21
	2.2.3 Income Method	22
	2.2.4 Factor Cost, Basic Prices and Market Prices	24
2.3	Some Macroeconomic Identities	25
2.4	Nominal and Real GDP	29
2.5	GDP and Welfare	30
3. M o	ONEY AND BANKING	36
3.1	Functions of Money	36
3.2	Demand for Money and Supply of Money	37
	3.2.1 Demand for Money	37
	3.2.2 Supply of Money	38
3.3	, , , , , , , , , , , , , , , , , , , ,	39
	3.3.1 Balance Sheet of a Fictional Bank	40
0.4	3.3.2 Limits to Credit Creation and Money Multiplier	40
	Policy Tools to Control Money Supply ETERMINATION OF INCOME AND EMPLOYMENT	42 53
4.1	Aggregate Demand and its Components 4.1.1 Consumption	53 54
	4.1.2 Investment	56
12	Determination of Income in Two-sector Model	56
4.3	Determination of Equilibrium Income in the Short Run 4.3.1 Macroeconomic equilibrium with price level fixed	57 57
	4.3.2 Effect of an autonomous change in aggregate	37
	demand on income and output	60

4	.3.3 The Multiplier Mechanism	61
4.4 S	Some More Concepts	64
5. Gove	ERNMENT BUDGET AND THE ECONOMY	66
5.1 G	Government Budget – Meaning and its Components	66
5	.1.1 Objectives of Government Budget	67
5	1.1.2 Classification of Receipts	68
5	.1.3 Classification of Expenditure	69
5.2 B	Balanced, Surplus and Deficit Budget	70
5	5.2.1 Measures of Government Deficit	71
6. Open	N ECONOMY MACROECONOMICS	85
6.1 T	he Balance of Payments	86
6	5.1.1 Current Account	86
6	5.1.2 Capital Account	88
6	5.1.3 Balance of Payments Surplus and Deficit	88
6.2 T	he Foreign Exchange Market	91
6	5.2.1 Foreign Exchange Rate	91
6	5.2.2 Determination of the Exchange Rate	92
6	5.2.3 Merits and Demerits of Flexible and Fixed	
	Exchange Rate Systems	95
6	5.2.4 Managed Floating	95
G	GLOSSARY	105