

SOCIAL SCIENCE

CONTEMPORARY INDIA-I

TEXTBOOK IN GEOGRAPHY FOR CLASS IX



0968



राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

ISBN 81-7450-520-2

First Edition

March 2006 Phalgun 1927

Reprinted

November 2006 Kartika 1928

December 2007 Pausa 1929

February 2009 Pausa 1930

January 2010 Magha 1931

November 2010 Agrahayana 1932

January 2012 Magha 1933

November 2012 Kartika 1934

November 2013 Kartika 1935

December 2014 Agrahayana 1936

February 2016 Magha 1937

December 2016 Pausa 1938

December 2017 Pausa 1939

January 2019 Pausa 1940

January 2020 Pausa 1941

PD 570T BS

© National Council of Educational
Research and Training, 2006

₹ 55.00

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 Indian Printing Works, E-4,
Jhandewalan Ext., Rani Jhansi Road, New
Delhi - 110 055

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 publisher.
- ❑ 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

Navjivan 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 Division	:	Anup Kumar Rajput
Chief Editor	:	Shveta Uppal
Chief Production Officer	:	Arun Chitkara
Chief Business Manager	:	Bibash Kumar Das
Editor	:	Benoy Banerjee
Production Officer	:	Abdul Naim

Cover

Sarita Verma Mathur

Illustrations

Sarita Verma Mathur
Praveen Mishra
Anil Sharma

Cartography

Cartographic
Designs Agency
Praveen Mishra

FOREWORD

The National Curriculum Framework, (NCF) 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. Including 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-table 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 boredom. 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 hard work done by the textbook development committee responsible for this book. We wish to thank the Chairperson of the advisory group in Social Sciences, Professor Hari Vasudevan and the Chief Advisor for this book, Professor M. H. Qureshi 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
20 December 2005

Director
National Council of Educational
Research and Training

© NCERT
not to be republished

TEXTBOOK DEVELOPMENT COMMITTEE

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

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

CHIEF ADVISOR

M. H. Qureshi, *Professor*, CSRD, Jawaharlal Nehru University, New Delhi

MEMBERS

K. Jaya, *PGT*, Convent of Jesus and Mary, Bangla Sahib Road, New Delhi

Punam Behari, *Reader*, Miranda House, Chhatra Marg, University of Delhi, Delhi

Saroj Sharma, *TGT (Retd.)*, Mother's International School, Sri Aurobindo Marg, New Delhi

Sudeshna Bhattacharya, *Reader*, Miranda House, Chhatra Marg, University of Delhi, Delhi

MEMBER-COORDINATOR

Tannu Malik, *Lecturer*, DESSH, NCERT, New Delhi

CONSTITUTION OF INDIA

Part III (Articles 12 – 35)

(Subject to certain conditions, some exceptions
and reasonable restrictions)

guarantees these

Fundamental Rights

Right to Equality

- before law and equal protection of laws;
- irrespective of religion, race, caste, sex or place of birth;
- of opportunity in public employment;
- by abolition of untouchability and titles.

Right to Freedom

- of expression, assembly, association, movement, residence and profession;
- of certain protections in respect of conviction for offences;
- of protection of life and personal liberty;
- of free and compulsory education for children between the age of six and fourteen years;
- of protection against arrest and detention in certain cases.

Right against Exploitation

- for prohibition of traffic in human beings and forced labour;
- for prohibition of employment of children in hazardous jobs.

Right to Freedom of Religion

- freedom of conscience and free profession, practice and propagation of religion;
- freedom to manage religious affairs;
- freedom as to payment of taxes for promotion of any particular religion;
- freedom as to attendance at religious instruction or religious worship in educational institutions wholly maintained by the State.

Cultural and Educational Rights

- for protection of interests of minorities to conserve their language, script and culture;
- for minorities to establish and administer educational institutions of their choice.

Right to Constitutional Remedies

- by issuance of directions or orders or writs by the Supreme Court and High Courts for enforcement of these Fundamental Rights.



ACKNOWLEDGEMENTS

The National Council of Educational Research and Training acknowledges the contributions of B.S. Butola, *Professor*, CSRD, JNU; Jebachh Singh, *PGT Geography*, Sir G. D. Patliputra Inter School, Patna, and Krishna Kumar Upadhyaya, *PGT Geography*, K.V.A.F.S., Bareilly, in the development of this textbook.

Acknowledgements are also due to Savita Sinha, *Professor and Head*, Department of Education in Social Science and Humanities, NCERT, for her valuable support at every stage of preparation of this textbook.

The Council is also grateful to the individuals and organisations as listed below for providing various photographs and illustrations used in this textbook:

M.H. Qureshi, *Professor*, CSRD, JNU, for Figure 2.5; ITDC/Ministry of Tourism, Government of India for Figures 2.4, 2.6, 2.7, 3.5, 4.1 and pictures of river, migratory birds and a picture of montane forests on pages 23, 48 and 51 respectively, picture of desert on Cover I, picture of clouds on Cover IV; cross-section interactive for a picture of lions on page 48; Tourism of Andaman and Nicobar, Government of India for Figure 2.9; Ministry of Environment and Forests, Government of India for Figures 2.3, 3.6, picture of corals on page 15 and picture of forest on Cover I; Photo Division, Ministry of Information and Broadcasting, Government of India for Figure 2.8; *Business Line* for Figure 3.2; and *Hindustan Times*, New Delhi, for news in two collages given on pages 38 and 50.

The Council also gratefully acknowledges the contributions of Anil Sharma and Arvind Sharma, *DTP Operators*; Sameer Khatana and Amar Kumar Prusty, *Copy Editors*; Shreshtha and Deepti Sharma, *Proof Readers*; and Dinesh Kumar, *In-charge*, Computer Station, who have helped in giving a final shape to this textbook. The efforts of the Publication Division, NCERT, are also duly acknowledged.

The following are applicable to all the maps of India used in this book

© Government of India, Copyright 2006

1. The responsibility for the correctness of internal details rests with the publisher.
2. The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
3. The administrative headquarters of Chandigarh, Haryana and Punjab are at Chandigarh.
4. The interstate boundaries amongst Arunachal Pradesh, Assam and Meghalaya shown on this map are as interpreted from the 'North-Eastern Areas (Reorganisation) Act, 1971,' but have yet to be verified.
5. The external boundaries and coastlines of India agree with the Record/Master Copy certified by Survey of India.
6. The state boundaries between Uttaranchal and Uttar Pradesh, Bihar and Jharkhand, and Chhattisgarh and Madhya Pradesh have not been verified by the Governments concerned.
7. The spellings of names in this map have been taken from various sources.

THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a ¹**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity; and to promote among them all

FRATERNITY assuring the dignity of the individual and the ²[unity and integrity of the Nation];

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)

CONTENTS

FOREWORD	<i>iii</i>
CHAPTER 1 India – Size and Location	1
CHAPTER 2 Physical Features of India	7
CHAPTER 3 Drainage	17
CHAPTER 4 Climate	26
CHAPTER 5 Natural Vegetation and Wildlife	42
CHAPTER 6 Population	53
GLOSSARY	63

Our National Anthem

*Jana-gana-mana adhinayaka, jaya he
Bharata-bhagya-vidhata.
Punjab-Sindh-Gujarat-Maratha
Dravida-Utkala-Banga
Vindhya-Himachala-Yamuna-Ganga
Uchchhala-jaladhi-taranga.
Tava shubha name jage,
Tava shubha asisa mage,
Gahe tava jaya gatha.
Jana-gana-mangala-dayaka jaya he
Bharata-bhagya-vidhata.
Jaya he, jaya he, jaya he,
Jaya jaya jaya, jaya he!*

Our National Anthem, composed originally in Bangla by Rabindranath Tagore, was adopted in its Hindi version by the Constituent Assembly as the national anthem of India on 24 January 1950.