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**NTSE**

**Student  
Support Material  
(GMAT)**

**DIRECTORATE OF STATE EDUCATIONAL RESEARCH AND TRAINING**  
Office of the Director, DSERT  
100 Ft Ring Road, Banashankari 3rd Stage, Bangalore - 560 085.

**STUDENT SUPPORT MATERIAL (GMAT)** : Prepared by a Resource Team headed by Prof. Dr. D.S. Shivanand and assisted by Prof. Dr. C. Madhukar, Prof. Dr. S. Srinikataswamy, Dr. K.R. Yoganandan, Sri B. Shivakumar and Published by the Director, D.S.E.R.T., Bangalore - 560 085. Pages. VIII + 328

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The Director, State Educational Research and Training,  
Bangalore - 560 085

First Edition : 2002 - 2003  
Revised Edition 2006-2007

Copies :

**Publishers**

The Director, State Educational Research and Training,  
Bangalore - 560 085

DTP by :

**Mahalakshmi Printers**

Rajajinagar  
Bangalore - 10

**Printed at :**

**VINAYAKA OFFSET PRINTERS**

Shed No.4-D, 172/1, Bannerghatta Road  
Sreenivasa Industrial Estate, Bangalore - 76  
Ph:26682802, 26686149 Fax : 26680437

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## PREFACE

NTSE is a national level activity which is being handled by DSERT for quite sometime now. We have tried to involve as many children as possible. However, it must be said that level of participation of students from rural areas is not satisfactory. NTSE is an examination to spot budding talent and nurture the same. Karnataka has been improving its performance at the and nurture the same. Karnataka has been improving its performance at the national level every year. We are anxious that more students especially from rural areas take this examination and also come out successfully.

We notice that there is no student support literature to assist the scholars. A Committee was constituted under the Chairmanship of Dr. Shivanand, to compile a book for guidance to students and teachers. Dr. Shivanand has devoted a lot of time and efforts to realise our dream. The department is highly indebted to him and his colleagues. This publication is one of the major initiatives in reaching out to gifted students at high school levels. We hope that, students will make good use of this book. We welcome any suggestion to improve the quality of material now being published.

**B.T. Sathyanarayana Reddy**

Director

D.S.E.R.T.

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## *About the Book*

This book is prepared at the instance of Directorate of State Educational Research and Training (DSERT) which has been conducting competitive Examination to identify talented among the 8<sup>th</sup> & 10<sup>th</sup> standard students. Those who are successful in this examination will get the opportunity to face the next level of examination conducted by National Council of Educational Research and Training (NCERT) to screen the best among the lot to be interviewed personally at the third level of examination to pick and choose the most talented from the combined material pool of students for the benefit of award of 1000 scholarships which will sustain them to complete all the levels of college and university education. i.e. from P.U.C. to Ph.D. programmes.

This book is an effort to review the diverse types of questions that have been part of DSERT examinations conducted from 1984 to 2006 in the state of Karnataka. It is hoped that this compendium would be of great help to students taking competitive examinations, as it would prepare them effectively to become familiar with the types of questions, and would help them to cover most of the questions with ease and speed within the stipulated time allowed.

In the globalization process that is inevitable, each nation has to train its youth to face the challenges that lie ahead for the nation in particular and humanity at large. This is to be achieved by putting the right persons at right positions after rigorous testing. These examinations conducted to persons at their formative age are aimed at enthusing those willing to take up challenges in life, to identify the best among such intellectual students and provide them with encouragement and economic support to bring out their best potentialities.

The book is designed in such a way that the questions have been classified into twenty four categories, the methods of arriving at the answer are given along with the answers separately at the end of each category of items, to enable the users to check with their own answers and to benefit by assessing their performance by themselves. This is a **SELF-HELP MATERIAL** and would help the highly talented ones as a practice while helping the others to progress in their intellectual capabilities.

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# Guidance and Execution

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