



INFORMATION STORAGE AND RETRIEVAL

Student Handbook

For
CLASS - XII



CENTRAL BOARD OF SECONDARY EDUCATION

Shiksha Kendra, 2, Community Centre, Preet Vihar, Delhi-110092



**Information Storage and Retrieval
Student Handbook, Class XII**

Price: ₹

First Edition: April 2017, CBSE

Copies:

Paper used: 80 Gsm CBSE Water Mark White Maplitho Paper

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Published By : The Secretary, Central Board of Secondary Education,
Shiksha Kendra, 2, Community Centre, Preet Vihar,
Delhi-110092

**Design, Layout
and Printed By** : Kalyan Enterprises, D-20, Sector- B-3, Tronica City,
Loni, Ghaziabad (Uttar Pradesh)

भारत का संविधान

उद्देशिका

हम, भारत के लोग, भारत को एक सम्पूर्ण¹ प्रभुत्व-संपन्न समाजवादी पंथनिरपेक्ष लोकतंत्रात्मक गणराज्य बनाने के लिए, तथा उसके समस्त नागरिकों को:

सामाजिक, आर्थिक और राजनैतिक न्याय,
विचार, अभिव्यक्ति, विश्वास, धर्म
और उपासना की स्वतंत्रता,
प्रतिष्ठा और अवसर की समता
प्राप्त कराने के लिए
तथा उन सब में व्यक्ति की गरिमा

²और राष्ट्र की एकता और अखंडता
सुनिश्चित करने वाली बंधुता बढ़ाने के लिए

दृढ़संकल्प होकर अपनी इस संविधान सभा में आज तारीख 26 नवम्बर, 1949 ई० को एतद्वारा इस संविधान को अंगीकृत, अधिनियमित और आत्मार्पित करते हैं।

1. संविधान (बयालीसवां संशोधन) अधिनियम, 1976 की धारा 2 द्वारा (3.1.1977) से “प्रभुत्व-संपन्न लोकतंत्रात्मक गणराज्य” के स्थान पर प्रतिस्थापित।
2. संविधान (बयालीसवां संशोधन) अधिनियम, 1976 की धारा 2 द्वारा (3.1.1977) से “राष्ट्र की एकता” के स्थान पर प्रतिस्थापित।

भाग 4 क

मूल कर्तव्य

51 क. मूल कर्तव्य - भारत के प्रत्येक नागरिक का यह कर्तव्य होगा कि वह -

- (क) संविधान का पालन करे और उसके आदर्शों, संस्थाओं, राष्ट्रध्वज और राष्ट्रगान का आदर करे;
 - (ख) स्वतंत्रता के लिए हमारे राष्ट्रीय आंदोलन को प्रेरित करने वाले उच्च आदर्शों को हृदय में संजोए रखे और उनका पालन करे;
 - (ग) भारत की प्रभुता, एकता और अखंडता की रक्षा करे और उसे अक्षुण्ण रखे;
 - (घ) देश की रक्षा करे और आह्वान किए जाने पर राष्ट्र की सेवा करे;
 - (ङ) भारत के सभी लोगों में समरसता और समान भ्रातृत्व की भावना का निर्माण करे जो धर्म, भाषा और प्रदेश या वर्ग पर आधारित सभी भेदभाव से परे हों, ऐसी प्रथाओं का त्याग करे जो स्त्रियों के सम्मान के विरुद्ध हैं;
 - (च) हमारी सामासिक संस्कृति की गौरवशाली परंपरा का महत्त्व समझे और उसका परिरक्षण करे;
 - (छ) प्राकृतिक पर्यावरण की जिसके अंतर्गत वन, झील, नदी, और वन्य जीव हैं, रक्षा करे और उसका संवर्धन करे तथा प्राणी मात्र के प्रति दयाभाव रखे;
 - (ज) वैज्ञानिक दृष्टिकोण, मानववाद और ज्ञानार्जन तथा सुधार की भावना का विकास करे;
 - (झ) सार्वजनिक संपत्ति को सुरक्षित रखे और हिंसा से दूर रहे;
 - (ञ) व्यक्तिगत और सामूहिक गतिविधियों के सभी क्षेत्रों में उत्कर्ष की ओर बढ़ने का सतत प्रयास करे जिससे राष्ट्र निरंतर बढ़ते हुए प्रयत्न और उपलब्धि की नई उंचाइयों को छू ले;
- ¹(ट) यदि माता-पिता या संरक्षक है, छह वर्ष से चौदह वर्ष तक की आयु वाले अपने, यथास्थिति, बालक या प्रतिपाल्य के लिये शिक्षा के अवसर प्रदान करे।

1. संविधान (छयासीवां संशोधन) अधिनियम, 2002 की धारा 4 द्वारा प्रतिस्थापित।

THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a '**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 the²unity 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)
-

THE CONSTITUTION OF INDIA

Chapter IV A

FUNDAMENTAL DUTIES

ARTICLE 51A

Fundamental Duties - It shall be the duty of every citizen of India-

- (a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- (b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
- (c) to uphold and protect the sovereignty, unity and integrity of India;
- (d) to defend the country and render national service when called upon to do so;
- (e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- (f) to value and preserve the rich heritage of our composite culture;
- (g) to protect and improve the natural environment including forests, lakes, rivers, wild life and to have compassion for living creatures;
- (h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
- (i) to safeguard public property and to abjure violence;
- (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;

¹(k) who is a parent or guardian to provide opportunities for education to his/her child or, as the case may be, ward between age of 6 and 14 years.

-
1. Subs. by the Constitution (Eighty - Sixth Amendment) Act, 2002



Preface

Library is the heart of any academic institution. Library, Faculty and Students complete the trinity of learning process. It just not only performs the function of acquisition, preservation and dissemination of information/knowledge but also provide inputs to help overall personality development of a student. The modern day libraries require highly skilled manpower/ workforce to maximize the library services and to reach out to the users to fulfill their information needs. The aim of the library profession is to provide relevant information to the right user at the right time with the positive attitude.

The field of Library and Information Sciences is changing rapidly. Recent developments in the field of Information Technology, particularly internet have forced libraries to redesign the new ways of information collection, storage, analysis and dissemination. Libraries now repackage information contents from various sources available online as well as in print to serve the users. Libraries are no more just a storehouse of reading material. It is a lifelong learning system which in partnership with faculty enhances the knowledge and skills of a student.

In response to the demand for a large number of trained personnel in libraries and information centers, CBSE has undertaken the ambitious project of introducing competency based vocational education in its affiliated schools. Taking cue from this need, a new vocational course on Library and Information Sciences is being developed that will help students to join the industry after Class XII or to pursue higher education in this field. On the same pattern the course curriculum and student handbook on Information Storage and Retrieval (ISR) for Class XII is designed and developed by the CBSE Vocational Course Committee in Library and Information Sciences.

The Board is grateful to the members of the Committee of Course for their advice, guidance and total commitment towards development of this course. We are indeed indebted to these academic advisors who have lent us the benefit of their rich and insightful experience. I would like to appreciate Vocational Education Cell, CBSE, for coordinating and successfully completing the work.

Any further suggestion for improving the course content is always welcomed and will be incorporated in the future edition.

R. K. Chaturvedi, IAS
Chairman, CBSE



Acknowledgements

Advisors

- **Sh. R. K. Chaturvedi**, IAS, Chairman, CBSE
- **Sh. K. K. Choudhury**, Controller of Examinations, CBSE

Content Developed By

- **Kripa Nand Jha**, Sr. Lecturer, Dept. of Library and Information Science, Meera Bai Institute of Technology (Govt. of Delhi), New Delhi - **Convener**
- **Raj Kumar Bhardwaj**, Librarian, St. Stephen's College, University of Delhi
- **Dr. B. N. Singh**, Assistant Librarian, CBSE, New Delhi
- **Dr. Dharmendra Singh Sengar**, Librarian, Indira Gandhi Delhi Technical University for Women, Delhi
- **Bibhuti Bhusan Pattanaik**, Assistant Librarian, JNU, New Delhi

Reviewer

- **Dr. Ramesh C. Gaur**, University Librarian, Jawaharlal Nehru University (JNU), New Delhi

Editing & Coordination

- **Dr. Biswajit Saha**, Additional Director, (V.E.), CBSE



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