

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2021**(CCSS)****M.Lib.I.Sc.****LIS 2C 05—INFORMATION AND COMMUNICATION****(2019 Admissions)****Time : Three Hours****Maximum : 80 Marks****I. Explain the following concepts in not more than 50 words each :**

- a) Communication.
- b) Formal channels of communication.
- c) National Mission on Libraries.
- d) Resource sharing.
- e) Information society.
- f) Difference between copyright and copyleft.
- g) Library Science and Information Science.
- h) Cost benefit analysis.
- i) Knowledge management.
- j) User studies.

(10 × 2 = 20 marks)**II. Write short notes on any *five* of the following, each in about 200 words :**

- a) Nature of information.
- b) Barriers to the free flow of information.
- c) Landmarks in the development of Information Science.
- d) Information security.
- e) Open access movement.
- f) Information audit.

Turn over

- g) IT-based knowledge management tools.
- h) Information behavior.

(5 × 6 = 30 marks)

III. Answer the following, in about 1000 words each :

Either

- a) Examine the role of information in the socio-economic, cultural, educational, scientific and technological development of a society.

Or

- b) Trace the evolution of information society and highlight its characteristics.

Either

- c) Attempt an overview of IPR legislations in India.

Or

- d) Critically analyze the merits and demerits of the non-conventional methods employed for carrying out user studies in libraries.

(2 × 15 = 30 marks)

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2021

(CCSS)

M.Lib.I.Sc.

LIS 2C 06—INFORMATION SOURCES

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Explain the following concepts in not more than 50 words each :

- a) Characteristics of reference sources.
- b) Open access journals.
- c) Guides to literature.
- d) Non-print sources.
- e) Special purpose dictionaries.
- f) Indian National Bibliography.
- g) Types of directories.
- h) Wikipedia.
- i) ScienceDirect.
- j) Boolean search.

(10 × 2 = 20 marks)

II. Write short notes on any *five* of the following, each in about 200 words :

- a) Non-documentary sources.
- b) Theses and dissertations.
- c) Oxford English Dictionary, 2nd ed.
- d) The Europa World of Learning Online.
- e) Gazetteers.
- f) Open access databases.
- g) Ebsco.
- h) Medline.

(5 × 6 = 30 marks)

Turn over

III. Answer the following, in about 1000 words each :

Either

- a) Attempt a classification of documentary sources of information highlighting their differences and the various sub-categories of sources falling under each group.

Or

- b) Define secondary periodicals. Bring out the basic differences between indexing, abstracting and reviewing periodicals giving examples.

Either

- c) Discuss the usefulness of databases in research citing examples from Science, Technology, Engineering and Medicine.

Or

- d) Elucidate the functioning of OPACs, web search engines and web scale discovery services in information retrieval.

(2 × 15 = 30 marks)

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2021

(CCSS)

M.Lib.I.Sc.

LIS 2C 07—INFORMATION TECHNOLOGY THEORY

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

1. Answer the following in not more than 50 words each. (2 marks each) :

- (a) What is the difference between RAM and Cache Memory ?
- (b) Define 'web language' and give any *two* examples.
- (c) Differentiate between 'sequential access' and 'random access'.
- (d) What do you mean by DBMS ?
- (e) What is the difference between WAN and MAN ?
- (f) How is LiFi different from WiFi ?
- (g) What is HTTP for ?
- (h) What is the use of firewall ?
- (i) What is Block Chain Technology ?
- (j) What do you mean by a Data Repository ?

(10 × 2 = 20 marks)

2. Write short notes on any *five* of the following, not exceeding 200 words each. (6 marks each) :

- (a) Output devices of a computer.
- (b) Scripting languages.
- (c) Database architecture.
- (d) Optical Fibre as a network medium.
- (e) Ontology.
- (f) Web 2.0.

Turn over

- (g) Expert System.
- (h) Semantic Web.
- (i) Virtual Reality.

(5 × 6 = 30 marks)

3. Answer the following , each one not exceeding 1000 words (15 marks each) :

Either

- (a) Trace the development of the different generations of programming languages, highlighting the special features in each generation.

Or

- (b) Name the component parts (hardware) of a computer network. Explain the functions of each component.

Either

- (c) Describe the Internet based tools and services of relevance to LIS.

Or

- (d) What is artificial intelligence ? Examine its possible applications in LIS.

(2 × 15 = 30 marks)

disc (black and white) with sound

approximately 90 minutes

diameter : 12 cm.

number : 842 N88

contains the statement :

a joint venture of Janus Films

and Voyager Press.

CHMK LIBRARY UNIVERSITY OF CALICUT

Part A (Title 1)

Vogel's

QUALITATIVE INORGANIC ANALYSIS

Seventh Edition

Revised by

G. Svehla Ph D, D Sc, FRSC

Formerly Professor of Analytical Chemistry

University College, Cork

B. Sivasankar Ph.D.

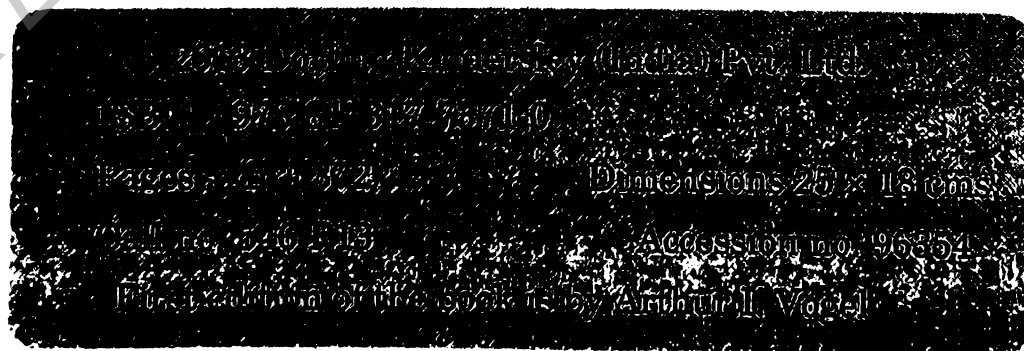
Visiting Professor

Department of Chemistry

Anna University, Chennai

PEARSON

Chennai. Delhi



Part A (Title 2)

PLAYS RETOLD

Second Series

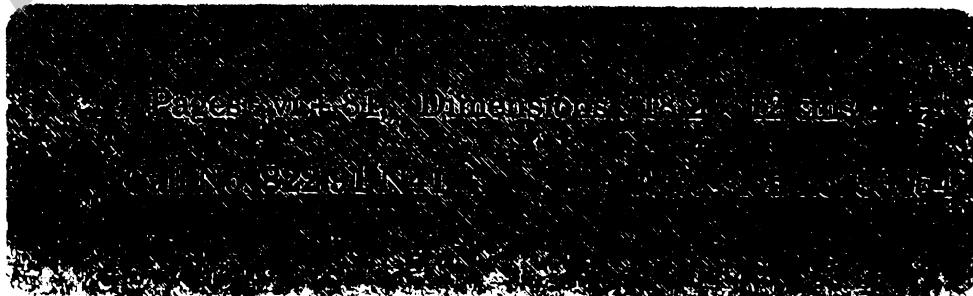
LABURNUM GROVE

By J. B. PRIESTLEY
Retold by L. W. Taylor

London

Oxford University Press

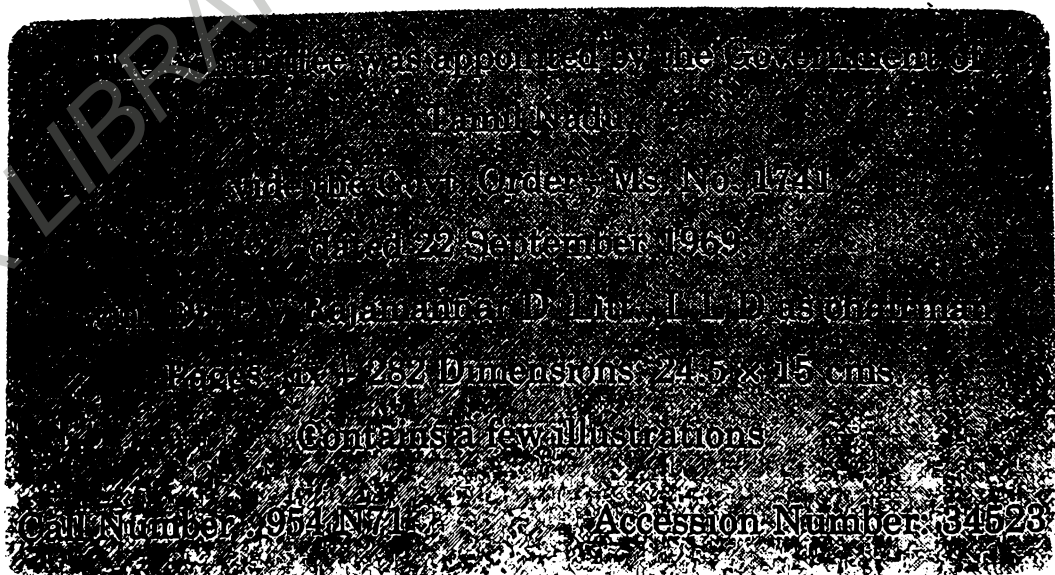
1941



**REPORT OF THE CENTRE-STATE
RELATIONS INQUIRY
COMMITTEE 1971**

© GOVERNMENT OF TAMIL NADU 1971

**PRINTED BY THE DIRECTOR OF
STATIONERY AND PRINTING, MADRAS,
ON BEHALF OF THE GOVERNMENT OF
TAMIL NADU 1971**



Call Number: 954-N713

Accession Number: 34523

Part A (Title 4)

SILICON CARBIDE

A HIGH TEMPERATURE SEMICONDUCTOR

Proceedings of the Conference on Silicon Carbide

BOSTON, MASSACHUSETTS

APRIL 2-3, 1959

Edited by

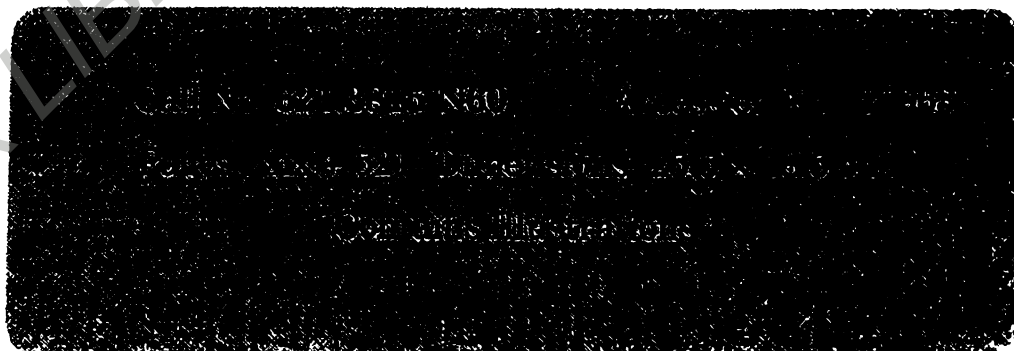
J. R. O'CONNOR and J. SMILTENS

**SPONSORED BY THE ELECTRONICS RESEARCH
DIRECTORATE AIR FORCE CAMBRIDGE RESEARCH
CENTER BEDFORD, MASSACHUSETTS**

**SYMPOSIUM PUBLICATIONS DIVISION
PERGAMON PRESS**

OXFORD . LONDON . NEW YORK . PARIS

1960

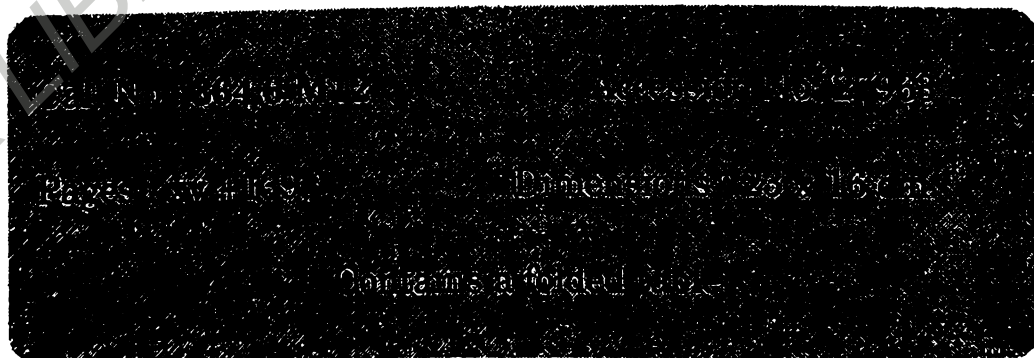


Upon Certain Bills for Abolishing the Punishment of Death

Debates in the House of Commons
during the year 1811

Compiled by
Basil Montagu

Longman
London
1812



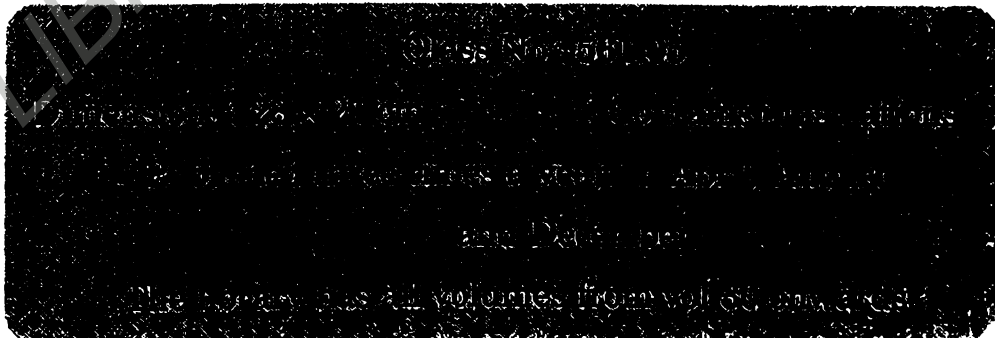
Part A (Title 6)

VOLUME 67 (3) 2018

ISSN 0031-0174

The
PALAEOBOTANIST
(Established 1952)

**Birbal Sahni Institute of Palaeobotany
Lucknow, India**



Part B (Title 7)

KERALA ROAD ATLAS AND DISTANCE GUIDE

Including Lakshadweep

Designed, cartographed, printed, and published by

The Indian Map Service

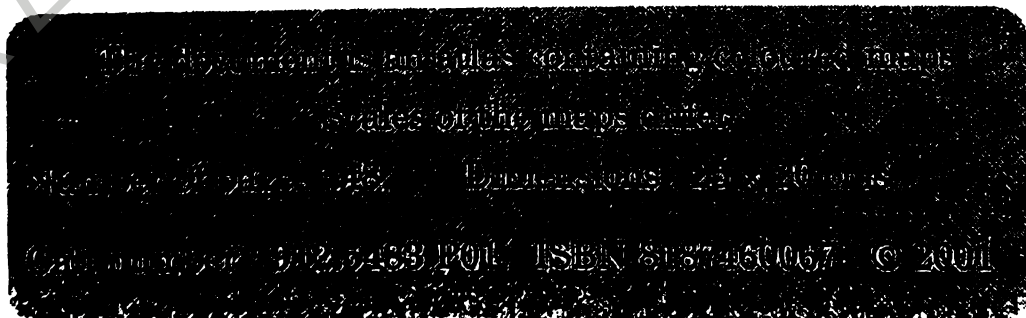
Edited by

R. P. Arya

Indian Map Service

Jodhpur, India

Distributed by Students Needs, Ernakulam



PRESIDENT WILSON'S WAR MESSAGE

Excerpts of a speech
originally delivered
before a joint session of
both Houses of Congress
on April 2, 1917



Emerson Phonograph Company, Inc.

New York,

1917

The item is a sound disc with analog playback speed

78rpm and is mono. Diameter: 5 1/2 inches.

Woodrow Wilson (1856 - 1924) was the president of

the United States from March 1913 to March 1921.

Call number: 973 N57 .W57

C 4024

Name.....

Reg. No.....

**SECOND SEMESTER P.G. DEGREE
EXAMINATION, APRIL 2021**

(CCSS)

M.Lib.I.Sc.

**LIS 2C 08—KNOWLEDGE ORGANISATION
PRACTICE (CATALOGUING)**

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

Notes :

- (1) Catalogue **FOUR** documents from Part A as per Dictionary Catalogue according to AACR2, revised edition (1988) supplemented by Sears List of Subject Headings.
- (2) Catalogue **TWO** non-book materials from Part B as per Dictionary Catalogue according to AACR2, revised edition (1988) supplemented by Sears List of Subject Headings.
- (3) Marks are equally distributed (@ 13 marks) among the six documents. Two marks are for overall neatness.

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2021

(CCSS)

M.Lib.I.Sc.

LIS2E02—INFORMATION LITERACY

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Explain the following concepts in not more than 50 words each. Each question carries 2 marks :

- (a) Internet literacy.
- (b) Journal of Information Literacy.
- (c) Levels of information literacy.
- (d) Tertiary sources.
- (e) Trade bibliographies.
- (f) Two abstracting periodicals published from India.
- (g) Indian Citation Index.
- (h) Scholarly *vs.* popular resources.
- (i) Tourism portals.
- (j) ETDs.

(10 × 2 = 20 marks)

II. Write short notes on any *five* of the following, each in about 200 words. Each question carries 6 marks :

- (a) Role of ALA in propagating information literacy.
- (b) Open access resources.
- (c) Yearbooks.
- (d) Web of Science.
- (e) SSRN.

Turn over

- (f) Search techniques.
- (g) Information literacy assessment tools.
- (h) Information literacy competencies.

(5 × 6 = 30 marks)

III. Answer the following, in about 1000 words each. Each question carries 15 marks :

Either

- (a) Discuss the need for information literacy education in higher education institutions.

Or

- (b) Critically examine the criteria used for the evaluation of information resources from the Internet citing examples.

Either

- (a) Examine the role of different categories of primary and secondary sources in carrying out research.

Or

- (b) Attempt an overview of the information literacy programmes aimed at bridging the digital divide carried out in India at the governmental level and in institutions of higher education.

(2 × 15 = 30 marks)

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2020

(CCSS)

M.Lib.I.Sc.

LIS 2C 05—INFORMATION AND COMMUNICATION

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Explain the following concepts in not more than 50 words each :

- a) Information.
- b) Invisible college.
- c) Language as a barrier in communication.
- d) Information Science.
- e) Intellectual Property Rights.
- f) NAPLIS.
- g) Types of censorship.
- h) SWOT Analysis.
- i) Tacit knowledge.
- j) Non-conventional methods of data collection.

(10 × 2 = 20 marks)

II. Write short notes on any *five* of the following, each in about 200 words :

- a) Value of information.
- b) Information life cycle.
- c) Scope of Information Science.
- d) Right to Information Act, 2005.
- e) Open Access Movement.
- f) Information Technology Act.
- g) Information industry.
- h) Patterns of user behavior.

(5 × 6 = 30 marks)

Turn over

III. Answer the following, in about 1000 words each :

Either

- a) Discuss any three models of communication.

Or

- b) Trace the contribution of other disciplines in the growth and development of theoretical foundations of Information Science.

Either

- c) Explain the salient features of information society and examine the role of libraries in it.

Or

- d) What is the need for marketing in libraries ? Elaborate the steps in the marketing of information products and services in a large university library.

(2 × 15 = 30 marks)

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2020

(CCSS)

M. Lib. I. Sc.

LIS 2C 06—INFORMATION SOURCES

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Explain the following concepts in not more than 50 words each. Each question carries 2 marks :

- (a) Importance of information sources.
- (b) Non-documentary sources.
- (c) Trade literature.
- (d) Specifications *vs.* standards.
- (e) Reviewing periodicals.
- (f) Almanacs *vs.* yearbooks.
- (g) Types of databases.
- (h) NUCSSI.
- (i) PubMed.
- (j) Ingenta.

(10 × 2 = 20 marks)

II. Write short notes on any *five* of the following, each in about 200 words. Each question carries 6 marks :

- (a) E-journals.
- (b) ETDs.
- (c) Tertiary sources.
- (d) McGraw-Hill Encyclopedia of Science and Technology.
- (e) Biographical sources.
- (f) Statistical sources.

Turn over

- (g) SCOPUS.
- (h) Search techniques.

(5 × 6 = 30 marks)

III. Answer any *two* questions. Answer the following, in about 1,000 words each. Each question carries 15 marks :

Either

- (a) Bring out the differences between primary and secondary sources. Describe the different categories of sources coming under each with specific examples.

Or

- (b) Discuss the usefulness of different types of bibliographies citing examples from each type.

Either

- (c) Explain the criteria used for the evaluation of web resources.

Or

- (d) Evaluate any *two* of the following databases using the accepted criteria.

- (i) BIOSIS.
- (ii) INSPEC.
- (iii) J-Gate.

(2 × 15 = 30 marks)

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2020

(CCSS)

M.Lib.I.Sc.

LIS 2C 07—INFORMATION TECHNOLOGY—THEORY

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

1. Answer the following in not more than 50 words each. (2 marks each) :

- (a) What is meant by 'volatile memory' ?
- (b) Name any *three* object oriented programming languages.
- (c) What do you understand by an 'indexed sequential file' ?
- (d) What is the difference between a database and a data file ?
- (e) What is a 'Router' ?
- (f) What is the function of a network interface card ?
- (g) What do you mean by 'invisible web' ?
- (h) What is 'fire wall' ?
- (i) What do you mean by 'virtual reality' ?
- (j) Define 'big data'.

(10 × 2 = 20 marks)

2. Write short notes on any *five* of the following, not exceeding 200 words each. (6 marks each) :

- (a) Functions of Operating System.
- (b) High level programming languages.
- (c) DBMS.
- (d) WiFi applications in libraries.
- (e) ISDN.
- (f) Ontology.
- (g) Cloud Computing.

Turn over

- (h) Robotics.
- (i) Linux.

(5 × 6 = 30 marks)

3. Answer the following, each one not exceeding 1000 words. (15 marks each) :

Either

- (a) Describe the data storage devices currently used in computers, indicating the merits and limitations of each.

Or

- (b) What is meant by a computer, network ? Describe with illustrations, the different topologies used for a Local Area Network.

Either

- (c) Discuss the various applications of Internet in libraries.

Or

- (d) What is expert system? Examine its possible applications in information retrieval ?

(2 × 15 = 30 marks)

**Project Directorate for Cropping Systems Research
Indian Council of Agriculture Research**

**Atlas of rice-wheat cropping
system in Indo-Gangetic plains
of India**

**S. K. Sharma
A. V. M. Subha Rao
K. Murari
G. C. Sharma**

**Project Directorate for Cropping Systems Research
Indian Council of Agriculture Research Meerut**

C 83591

Name.....

Reg. No.....

**SECOND SEMESTER P.G. DEGREE
EXAMINATION, APRIL 2020**

(CCSS)

M.Lib.I.Sc.

LIS 2C 08—KNOWLEDGE ORGANIZATION
PRACTICE (CATALOGUING)

[2019 Admissions]

Time : Three Hours

Maximum : 80 Marks

- Notes :** (1) *Catalogue four documents from Part 'A' as per Dictionary Catalogue according to AACR 2, revised edition (1988) supplemented by Sears List of Subject Headings.*
- (2) *Catalogue two non-book materials from Part B as per Dictionary Catalogue according to AACR 2, revised edition (1988) supplemented by Sears List of Subject Headings.*
- (3) *Marks are equally distributed (@ 13 marks) among the six documents. Two marks are for overall neatness.*

a collection of short stories

produced by Drishti Films



Shemaroo Entertainment

Mumbai

2009

A three volume collection of stories based on the works of
Munshi Premchand that focus on moral
values and social issues.

3 DVDs, about 325 min. duration, coloured and with
sound, 4¾ in. diameter Enclosed in a container

Munshi Premchand is the pen name of Dhanpat Rai
Shrivastava

The contents of the discs are as : vol. 1. Based on social issues
vol. 2. Based on youth and, vol. 3. Based on moral
values.

Call number : 891.43 P09

GERMAN WAR BIRDS

By 'VIJILANT'

LONDON
JOHN HAMILTON LTD
PUBLISHERS

First published 1931, the present volume is a reprint published in 2013. 'Vijilant' is identified as the pen-name of Claude W. Sykes. The front cover contains the statement 'Vintage Aviation Series'.

The book is about the performance of German pilots during the World War I.

Pages: 245, Dimensions: 20 × 14 cms.

Contains illustrations

Call no. **943 N31** ISBN 9781612001890

Accession No. 96325

**Harry's
Cosmeticology**
being the sixth edition of
**THE PRINCIPLES AND PRACTICE OF
MODERN COSMETICS**

by

RALPH G. HARRY FRIC, FRSM, ARPS

This edition revised by

J. B. Wilkinson B.Sc., FRIC

**Unilever Research, Isleworth Laboratory
in co-operation with his colleagues**

P. Alexander, B.Sc, FRIC

E. Green M.Sc.

B A Scott, Ph.D, B.Sc, FRIC

D. L. Wedderburn B.Sc.

LEONARD HILL BOOKS
AN INTERTEXT PUBLISHER
LONDON

© 1973

Pages : xxiv + 824, Dimensions : 24 × 16 cms.

Contains illustrations Call No. **646.7 N73**

Accession No. 63894 ISBN 024944075

100 Practical Applications of Noise Reduction Methods

A Report

By Her Majesty's Factory Inspectorate
Great Britain

London
H M S O
1983

Pages : iv + 112 Size : 30 cm. Contains Illustrations

Call No : 620.2 N83 Accession Number: 34523

ISBN 0118836919

MATHEMATICAL METHODS IN THE SOCIAL SCIENCES, 1959

Proceedings of the First Stanford Symposium

Edited by

KENNETH J. ARROW

SAMUEL KARLIN

PATRICK SUPPES

STANFORD UNIVERSITY PRESS
STANFORD, CALIFORNIA

From Half Title Page :

STANFORD MATHEMATICAL STUDIES IN THE
SOCIAL SCIENCES, IV

Editors : Kenneth J. Arrow and others

From Introduction :

'The First Stanford Symposium' was held,
at the University from June 15th to June 24, 1959

Pages : viii + 365, Dimensions: 24 × 16 cms.

Call Number : 300 N59 Accession number : 47012

ISBN : 0-8047-0021-4

Guidelines for Improving the Safety of elderly road users

Prepared by

**OECD Scientific Expert Group
in co-operation with WHO**



**World Health
Organization**

**Organisation for Economic Co-operation and
Development**

Washington, D.C. 1986

Distributed by

OECD Publications and Information Centre 1986.

Call No. 363.1 N86 Accession No. 83236

Pages : 38

Dimensions: 23 × 16 cms.

ISSN : 0975-0991 (On-line)

ISSN : 0971-457X (Print)

CODEN : ICHTEU

Indian Journal of
Chemical
Technology

Volume 26

Number 6

December 2019

The National Institute of Science Communication and
Information Resources (NISCAIR), New Delhi

Started in 1992 and published quarterly

Class No. 660

Dimensions: 310 x 210 mm. Contents: 110 pages

This library has all volumes except vols. 1 & 2

SMITHSONIAN FOLKWAYS RECORDINGS

ANTHOLOGY OF AMERICAN FOLK MUSIC

EDITED BY HARRY SMITH

EIGHTY FOUR SELECTIONS ON SIX COMPACT DISCS



Smithsonian Folkways
Washington, D.C.

It is a set of 6 audio CDs enclosed in a box (32 cm.)
along with two booklets.
Diameter : 4 3/4 inches.

The printed booklets together have 96 pages with
illustrations, and 28 cm. height

Originally issued in 1952,

Call number : 781.6200973 N52

SECOND SEMESTER P.G. DEGREE EXAMINATION, APRIL 2020

(CCSS)

M.Lib.I.Sc.

LIS 2E 02—INFORMATION LITERACY

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Explain the following concepts in not more than 50 words each :

- (a) Definition of information literacy.
- (b) Digital literacy.
- (c) Trade bibliographies.
- (d) List any *two* indexing periodicals.
- (e) Glossaries.
- (f) Open access journals.
- (g) Non-documentary sources.
- (h) Types of encyclopedias.
- (i) Sources of current information.
- (j) Any *four* search engines other than Google.

(10 × 2 = 20 marks)

II. Write short notes on any *five* of the following, each in about 200 words :

- (a) Information literacy standards.
- (b) Significance of lifelong learning.
- (c) Indian Citation Index.
- (d) Web of Science.
- (e) Institutional repositories.
- (f) Web scale discovery tools.

Turn over

- (g) Metasearch engines.
- (h) Search techniques.

(5 × 6 = 30 marks)

III. Answer the following, in about 1,000 words each :

Either

- (a) What is meant information literacy model ? Attempt a comparison of Big6 Eisenberg and Berkowitz Model and the Seven Pillars of Information Literacy model.

Or

- (b) Describe the role played by the different types of primary and secondary sources in research.

Either

- (c) Elaborate the criteria used for the evaluation of information from the Internet.

Or

- (d) Discuss the different programmes followed for information literacy instruction in library and information centres.

(2 × 15 = 30 marks)