

This question paper contains 3 printed pages.

1586

Your Roll No.

MLIS / I Sem.

J

**Paper M-101: INFORMATION SYSTEM AND
PROGRAMMES**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1-1. Discuss the characteristics of an information system. Explain, how the activities and products of an Information analysis centre differ from a data centre. Give suitable examples.

Or, 1-2. Explain the design elements of national information system. Describe the role of ENVIS in providing information to users in the field of Environmental Sciences.

12½

2. Either, 2-1. 'INIS is an extensive pool of information in the nuclear field and its strength is based on international co-operation.' In view of this statement discuss the activities and structure of INIS.

P. T. O.

Or, 2-2. Describe the role of IFLA in promoting international co-operation and research in various areas of library and information science. 12 $\frac{1}{2}$

3. Either, 3-1. What do you understand by resource sharing and library consortia? Discuss the role of UGC-INFONET Digital Library Consortium in providing access to scholarly journals.

Or, 3-2. Discuss the usefulness of various types of information products generated by information organizations. Give suitable examples. 12 $\frac{1}{2}$

4. Either, 4-1. Describe contributions of UNESCO in the growth and development of libraries, documentation and information centres in developing countries with special reference to India.

Or, 4-2. Discuss the programmes and activities of Delnet. 12 $\frac{1}{2}$

5. Write notes on any four of the following:

(i) Archives

(ii) INSPEC

(iii) Objectives of National Information Policy

(iv) Document Delivery Services

(v) Translation Services

(vi) Literature Search.

4×5=20

This question paper contains 3 printed pages.

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**Paper M-102 : ADVANCED KNOWLEDGE
ORGANISATION : CLASSIFICATION**

(PRACTICAL)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

NOTE:—

- (i) Copies of the **UDC** are available for use and return.
- (ii) For the prescribed number of titles write the **UDC Class Numbers**.
- (iii) Dictionaries will be available for consultation.
- (iv) **Alternative Class Number** may be given, if desired. Give justification.

GROUP A

1. Assign Class Number to any five titles of the following:

1.1. Life and works of Pandit Jawaharlal Nehru

P. T. O.

- 1.2. Social Geography of Western Uttar Pradesh
- 1.3. Pictorial guide to reference sources on history of Delhi
- 1.4 Handbook of Library Scientists and Information Workers. USA
- 1.5. English-Hindi periodical of Indian Iconography
- 1.6. Planning of Gymnasium Buildings for Commonwealth Games to be held in New Delhi in 2010

4×5=20

GROUP B

2. Assign Class Number to any **ten** titles of the following:
 - 2.1. Hindi-English manual for Photocopying Machine.
 - 2.2. International Conference on 'Painting of wood and wood materials' held at Central Building Research Institute (CBRI), Roorkee, from 25-28th November, 2008.
 - 2.3. Design and development of an Online Manual for Sugar Industries for North East India.
 - 2.4 A survey research in the marketing management of the cotton textile industries in Gujarat.

- 2.5. Impact of informatics on vocational and continuing education in the developing countries.
- 2.6. Multilingual dictionary of electronic and computer technology.
- 2.7. Function of the Director 'National Botanical Research Institute (NBRI), Lucknow' (Estd. in 1959).
- 2.8. Directory of Indian Scientific Periodicals published by INSDOC, New Delhi (Now known as NISCAIR) in 1976.
- 2.9. Geological Survey of India, Annual Report for 2007-2008.
- 2.10. Namak Ka Daroga : A Novel written by Munshi Premchand.
- 2.11. Designing of classification schedule on Hinduism based on UDC.
- 2.12. Death statistics of Cancer Patients in the African countries : A UN Report. $10 \times 5 = 50$

This question paper contains 9 printed pages.

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Your Roll No.

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Paper M-103 : ADVANCED KNOWLEDGE

ORGANISATION : CATALOGUING

(PRACTICAL)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt six questions in all.

Question number 1 is compulsory.

Instructions:

- (i) *Attempt all titles according to AACR-II.*
- (ii) *LCSH is available for Subject Headings.*
- (iii) *Dictionaries are available for consultation.*
- (iv) *Catalogue entries for each publication should be prepared consecutively.*
- (v) *For added entries according to the AACR-II, 'Unit-Card' method should be followed.*

P. T. O.

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1. **The Principles of Psychology** 10

William James

Chicago

Library Resources Ltd.

©1970

Other Information: —

- Call No. 150 xxx
- Acc. No. 81510
- 2 microfiches with illustrations
- Size 8×13 cm.
- Microreproduction of original published: London : MacMillan, 1981
- Author date of birth and death : 1842-1920

2. **Jal Tharangam** — *A.S. Dhandapani* 12
Violin — *S. Ganeshan*
Mridangam — *T.Y. Krishnan*

Madras
Sangeetha, 1998

Other Information: —

- Call No. 784 · 1923 xxx
- Acc. No. 561
- 1 sound disc for 60 minutes and 40 seconds having 33 $\frac{1}{3}$ rpm speed.
- Diameter 12 inches
- The information is collected from the label of the sound disc.
- Sound recording is stereo type.
- Sangeetha 6 mmc f 6020
- Contents : Adi Talam Magumomi (30 min.)
Adi Talam Thiyagaraja (30 min and 40 seconds)

P. T. O.

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3.

Maharashtra

12

Quarterly Bulletin of Economics and Statistics

Vol. 14 No. 1 1961

**Bureau of Economics and Statistics
Bombay**

Other Information:—

- Call No. 330.05
- Acc. No. 4250
- Size 28 cm
- Formerly known as Quarterly Bulletin of Economics and Statistics
Vol. 1, 1947 to Vol. 13, 1960
- This journal was split into Quarterly Journal of Economics and Journal of
Statistics in the year 1975, being published by Bureau of Economics and
Statistics.

4.

5
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**Woodwind Instruments
and their History**

12

by

Anthony Baines

Faber & Faber

London

1977

Other Information: —

- Call No. 788 N77
- Acc. No. 51720
- Pages xi, 384
- Plates 2810
- ISBN S17-08603-13-A
- Paperback Edition
- Price \$250.00

P.T.O.

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6

5.

Meet John Doe

12

Director

FRANK CAPRA

Thunder Bird Films

1974

Other Information:—

- Call No. 813 MEE
- Acc. No. Supply it
- Super 8 mm sound
- 1 film reel of 1 hour, 20 minutes and 50 seconds with Black & White sequences
- Cast - Gary Cooper and Barbara Stawyek
- Summary— An unemployed man, built into the symbol of “the Average man” by a newspaper, rebels when he realises how he was being used.

6. **LAURA : Little house, big prairie** 12

An American Pageant Sound Filmstrip

Produced by

Media Systems Consultant

© 1976

The Perfection Form Company

Logan, Iowa

Other Information: —

- Call No. 791.43 XXX
- Acc. No. 2596
- 1 Filmstrip (127 frames) colour
- size 35 mm
- Accompanied 1 Sound Cassette and one script (32 pages)
- Title has been taken from container
- Credits : Script - WD Mouth
 - Graphics - Perry Struse
 - Sound - Robert Dow
- Based on Laura Ingalls Wilder's Little House Book.
- Summary : Laura Ingalls Wilder's Life in Early Twentieth Century

P. T. O.

7. **British Columbia, Alberta, and the** 12
Yukon Territory

Produced by

The Cartographic Division

National Geographic Society

Washington, D.C. 1978

Other Information: —

- Call No. 912 XXX
- Acc. No. 589
- Chief Cartographer - Richard K. Rogers
- Scale 1:3,500,000. 1 cm to 35 km. 1 in. to 55.2 miles
- Lambert, conformal conic projection
- 1 map with colour illustrations
- Size 89×58 cm folded to 23×15 cm

Other Information on the Verso of the Title Page - Canada Rocky Mountains

Scale 1:2,375,500, Yukon Territory Scale 1:4900,000.

8. **PC TUTOR : Learn to use the
Operating System PC DOS with
your Personal Computer** 12

Version 2.10

**Comprehensive Software Support Inc.
Redondo Beach, CA
© 1982**

Other Information:—

- Call No. 0005 · 268
- Acc No. 6150
- 1 Computer disc having 2 file and 500 logical statements
- Accompanied by one manual containing 4 pages of 22 cm size.
- This is an Intro Series from Comprehensive Software Support Inc.
- It Contains DOS tutorial programme.
- System Requirements: IBMPC, XT, DOS 1.1 or greater, 80 column monitor, 1 double sided disk drive
- Title has been taken from title screen.
- Title on the disc label is Introduction to the Operating System (PC Tutor)

This question paper contains 3 printed pages.

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Your Roll No.

MLIS / I Sem.

J

Paper M-104— INFORMATION AND COMMUNICATION TECHNOLOGY APPLICATION IN LIS

(THEORY)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1-1. What is an ISO/OSI Reference Model? Describe with diagrams the role of application layers and data flow layers.

Or, 1-2. What do you understand by the concept Web 2.0 ? Explain how Web 2.0 helps in converting traditional library services into web-based library services. 12½

2. Either, 2-1. Define 'Open Source Software'. What contributions can open source softwares make to bridge the digital divide between developed and developing countries?

Or, 2-2. What is LAN? Explain in detail different network topologies. 12½

P. T. O.

3. **Either, 3-1.** What is RFID technology? Explain the RFID process flow with the help of a diagram and describe how RFID technology is better than barcode technology in a library.

Or, 3-2. What do you understand by the term RSS Feeds? How does an RSS feed differ from a website? Explain the different applications of RSS feeds in a library. 12½

4. **Either, 4-1.** What is an Integrated Services Digital Network? Discuss about wireless networking in the library.

Or, 4-2. Define the concept of content management and state how it differs from concepts of information and knowledge management. What kinds of features would you look for when choosing the content management software for a university library? 12½

5. Write notes on any **four** of the following:

- (i) Subject directories
- (ii) Wiki
- (iii) Greenstone Digital Library
- (iv) Web OPAC

(v) TCP/IP

(vi) Functional Requirements for Bibliographic
Records (FRBR). $4 \times 5 = 20$

This question paper contains 3 printed pages.

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Your Roll No.

MLIS / I Sem.

J

Paper M-105: RESEARCH METHODOLOGY

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1-1. What do you understand by the term research? Explain the important characteristics of research. Discuss the need and purpose of research in LIS by giving suitable examples.

Or, 1-2. What do you understand by Scientific Method of research? Discuss the application of Scientific Method of research in LIS by giving suitable examples. 12½

2. Either, 2-1. 'Questionnaire is the most economic tool to collect data from widely scattered population.' Discuss. Explain the characteristics of a good questionnaire.

P. T. O.

Or, 2-2. Discuss the application of Inferential and Descriptive Statistics in Library and Information Science Research. 12½

3. Either, 3-1. Discuss the significance of Measures of Central Tendency used in statistical analysis. Calculate the Arithmetic Mean, Mode and Median value for the given data:

Marks	38	50	60	80
Students	08	15	20	07

Or, 3-2. Define and differentiate between the concepts of Bibliometrics, Scientometrics and Webometrics. Describe in detail the Lotka's Law of Scientific Productivity. 12½

4. Either, 4-1. What is Literature Review? Discuss the process of Literature Review in conducting the research in LIS.

Or, 4-2. What do you understand by Data Analysis? Discuss the steps of Data Analysis using Statistical Package for Social Sciences (SPSS) for this purpose. 12½

5. Write notes on any **four** of the following:

(i) Pilot Study

- (ii) Null Hypothesis
- (iii) Impact factor
- (iv) Primary and Secondary Data
- (v) Time Series Analysis
- (vi) Report Writing.

4×5=20

This question paper contains 2 printed pages.

1591

Your Roll No.

MLIS / I Sem.

J

**Paper M-106: MARKETING OF LIBRARY AND
INFORMATION PRODUCTS AND SERVICES**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. **Either, 1-1.** What do you understand by the concept of marketing? Discuss, by giving examples, the need for marketing of LIS products and services.

Or, 1-2. Discuss the core marketing functions as applicable in the field of library and information science. 12½

2. **Either, 2-1.** Explain the concept 'consumer-buyer behaviour'. Discuss, by giving examples, which factors affect consumer-buyer behaviour in libraries.

Or, 2-2. Distinguish between 'Marketing' and 'Selling' by giving examples. Discuss the role of marketing mix in the marketing of LIS products and services. 12½

P. T. O.

3. **Either, 3-1.** Define the term 'Strategic Planning'. Discuss the basic tasks in strategic planning as applicable in marketing of LIS products and services.

Or, 3-2. Write an essay on the application of market segmentation concept in library services and products. 12½

4. **Either, 4-1.** Define the concept 'Marketing Information System'. Discuss its need, use and steps to be involved in designing and developing a MIS for a University library.

Or, 4-2. Define the term 'Management Consultancy'. Discuss its need and application in libraries. Enumerate the qualities of a 'Management Consultant'. 12½

5. Write notes on any **four** of the following:

(i) Marketing Research

(ii) Repackaging of Information

(iii) Advertisements in Libraries

(iv) Pricing of LIS Products and Services

(v) E-Marketing

(vi) Marketing Ethics.

5×4=20