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G – 4669

Reg. No. :

Name :

First Semester M.L.I.Sc. (SDE) Degree Examination, August 2019

LISM51 — INFORMATION KNOWLEDGE AND COMMUNICATION

(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Answer the following questions each **one** is not less than **50** words.

- (a) Information Industry
- (b) Cost benefit analysis
- (c) Informetrics
- (d) Obsolescence rate
- (e) Invisible colleges
- (f) User education
- (g) 'Noise' in communication
- (h) User behaviour
- (i) Name two marketing products in libraries
- (j) Differentiate documentation and information science.

(10 × 2 = 20 Marks)

P.T.O.



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

- (a) Lotkan's law of scientific productivity
- (b) Economics of information
- (c) Bibliometric laws
- (d) Technological gate keepers
- (e) Documentation
- (f) Library an a communication centre
- (g) Types of communication
- (h) Shannon – weave model of communication

(5 × 5 = 25 Marks)

III. Answer any **two** of the following questions each in not more than 1000 words :

- (a) How do you state Information science as a discipline?
- (b) Discuss the different channels of communication with examples.
- (c) State the different methods of collecting information about user needs.
- (d) Write about information audit in academic libraries.

(2 × 15 = 30 Marks)

Reg. No. :

Name :

First Semester MLISc. (SDE) Degree Examination, August 2019

LIS M 52 : INFORMATION PROCESSING AND RETRIEVAL

(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Answer the following questions **each one** in not less than 50 words.

- a. Characteristics of Knowledge
- b. Denudation
- c. Computer Aided Subject System (COMPASS)
- d. KWIC
- e. Citation Indexing
- f. Classaurus
- g. Role Operators
- h. UNIMARC
- i. UNICODE
- j. Structure of Common Communication Format (CCF)

(10 × 2 = 20)

P.T.O.


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

- a. Basic Subject Vs. Compound Subject
- b. Merits and Demerits of Chain Procedure
- c. Uniterm Indexing System
- d. Trends in Evaluation Studies of IR Systems
- e. Brief about Bureau of Indian Standards
- f. Overview of Sears List of Subject Heading
- g. POSPI Table
- h. Recall and Precision in IR

(5 × 5 = 25)

III. Answer any **two** of the following questions each in not more than 1000 words.

- a. Explain the steps involved in the compilation of a Subject Thesaurus.
- b. Enumerate the parameters used for the evaluation of Information Retrieval System.
- c. What are the different modes of formation of subjects? Explain with examples.
- d. Differentiate between Natural language Indexing and Automatic Indexing.

(2 × 15 = 30)

Reg. No. :

Name :

First Semester M.LISc. (SDE) Degree Examination, August 2019
LIS M 53 : INFORMATION TECHNOLOGY APPLICATIONS (THEORY)
(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Answer the following questions **each one** in not less than 50 words.

- (a) Application Software
- (b) Features of RFID
- (c) OAI/PMH
- (d) HTTP
- (e) Folksonomy
- (f) Image formats
- (g) Netscape Navigator
- (h) OCR Software
- (i) HTML.
- (j) Blogs Vs. Wikis.

(10 × 2 = 20 Marks)

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

- (a) Functions of Operating System
- (b) Database Management System (DBMS)

P.T.O.



- (c) Internet Security
- (d) Metadata sets
- (e) AI in Libraries
- (f) Features of KOHA
- (g) Data ware housing and Data mining
- (h) Podcasting and Vodcasting

(5 × 5 = 25 Marks)

III. Answer **any two** of the following questions each in not more than 1000 words.

- (a) Discuss the advantages of open source library software for automating libraries.
- (b) Describe the application of Web 2.0 tools in Libraries & Information Centers.
- (c) Explain different layers of the OSI model.
- (d) What do you mean by Search Strategy? Explain various methods used in searching of information through Online databases.

(2 × 15 = 30 Marks)

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Reg. No. :

Name :

First Semester M.LISc (SDE) Degree Examination, August 2019

LIS M 55 : INFORMATION SYSTEMS AND SERVICES

(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Answer the following questions each one in not less than 50 words.

- (a) Journal Citation Reports.
- (b) Clearing Houses.
- (c) MEDLINE.
- (d) Referral Centre.
- (e) Content Coverage of SCOPUS.
- (f) DELNET.
- (g) Objectives of BIOSIS.
- (h) Services of INSPEC.
- (i) NACLIN.
- (j) ERNET.

(10 × 2 = 20 Marks)

P.T.O.



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

- (a) CAS.
- (b) Documentation Centres.
- (c) SCOPUS.
- (d) OCLC.
- (e) Components of Information System.
- (f) INFLIBNET.
- (g) Web of Science.
- (h) Online Databases.

(5 × 5 = 25 Marks)

III. Answer any **two** of the following questions **each** in not more than **1000** words.

- (a) What is meant by data banks? Discuss its functions and services. How do different types of data centers provide these services?
- (b) Discuss some of the Information Systems and Programmes in India in the field of Science and Technology.
- (c) What are Library and Information networks? Describe any one network at the national level with reference to its activities and services.
- (d) Define Information System. Explain the functions and services of an Information System.

(2 × 15 = 30 Marks)

Reg. No. :

Name :

Second Semester MLISc(SDE) Degree Examination, August 2019

**LIS M 56 : INFORMATION SYSTEMS MANAGEMENT:
SCIENCE INFORMATION SYSTEM**

(2017 Admission)

Time : 3 Hours

Maximum Marks : 75

I. Answer the following questions **each one** in not less than **50** words

- (a) Information seeking behaviour
- (b) e-resources
- (c) Summative evaluation
- (d) Collection development
- (e) Publications of NIS and CAIR
- (f) Current contents
- (g) Uses of cost benefit analysis
- (h) Expand (i) INFLIBNET (ii) AGRIS
- (i) Telnet
- (j) ENVIS

(10 × 2 = 20 Marks)

P.T.O.



II. Write notes on any **five** of the following in **200** words each

- (a) Nature and scope of an Information system
- (b) How do you design an information system?
- (c) Various sources of finance for science information system.
- (d) Policies of Collection development
- (e) Barcode Technology
- (f) Database Management system
- (g) INIS
- (h) Mobile Service

(5 × 5 = 25 Marks)

III. Answer any **TWO** of the following questions each in **1000** words

- (a) How do you evaluate an Information System?
- (b) Explain the role of online sources in the development of Science and Technology.
- (c) Discuss the different information services offered in a Science Information Centre.
- (d) Trace the growth and development of Information System in India.

(2 × 15 = 30 Marks)

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Reg. No. :

Name :

Second Semester MLISc (SDE) Degree Examination, August 2019

LIS M 57: RESEARCH METHODOLOGY

(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Answer the following questions **each** one in not less than **50** words.

- (a) Sample size
- (b) Citation
- (c) Observation
- (d) Hypothesis
- (e) Bar Diagram
- (f) Importance of T-test
- (g) Brain storming technique
- (h) Case study
- (i) Research interview
- (j) Importance of Applied Research

(10 × 2 = 20 Marks)

P.T.O.


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

- (a) Need for research Hypothesis
- (b) Significant features of a good report
- (c) Systematic and stratified sampling
- (d) Formulation of Research problem
- (e) Primary and Secondary data
- (f) Types of Research Report
- (g) Relevance of questionnaire in data collection
- (h) Styles of reference citations.

(5 × 5 = 25 Marks)

III. Answer any **two** of the following questions, each in not more than 1000 words.

- (a) What is meant by scientific research? Explain the characteristics of scientific research.
- (b) What is a research problem? Explain the different steps in formulating the research problem.
- (c) Explain in detail the difference between probability and Non-probability sampling.
- (d) Explain the criteria to be followed in evaluating a research report.

(2 × 15 = 30 Marks)

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G – 4676

Reg. No. :

Name :

Second Semester MLISc (SDE) Degree Examination, August 2019

LIS M 59 : TECHNICAL COMMUNICATION

(2017 Admission)

Time : 3 Hours

Max. Marks : 75

I. Define/Annotate the following in not more than 50 words.

1. State of the art report
2. APA
3. End text citation
4. Proof reading
5. Indicative abstract
6. Fog index
7. Ghost writing
8. Popular articles
9. Audience analysis
10. Zotero.

(10 × 2 = 20 Marks)

P.T.O.


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

1. Information repackaging
2. House journals
3. Reader writer relationship
4. Elements of a research article
5. Reading comprehension
6. Barriers to communication
7. Steps for effective PRECIS writing
8. Readability tests.

(5 × 5 = 25 Marks)

III. Answer any **two** of the following questions in about 1000 words.

1. Enumerate different types of reports and explain the features of trend report.
2. What is an abstract? Explain different types of abstracts and the organisation of data in abstracts.
3. Define technical writing and explain the characteristic features of technical writing.
4. Discuss the importance of style manuals in the presentation of data and information.

(2 × 15 = 30 Marks)

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Reg. No. :

Name :

Second Semester MLISc (SDE) Degree Examination, August 2019

LIS M 510 : STATISTICAL METHODS

(2017 Admission)

Time : 3 Hours

Maximum Marks : 75

I. Answer the following questions each **one** in not less than **50** words

- (a) Lorenz Curve
- (b) Sample size
- (c) Mode
- (d) Ratioscale
- (e) Multi-Stage sampling
- (f) Kurtosis
- (g) IDAMS
- (h) Population
- (i) Bar diagram and Histogram
- (j) Partial correlation

(10 × 2 = 20 Marks)

P.T.O.



II. Write short notes on any FIVE of the following each in 200 words

- (a) Simple and composite hypothesis
- (b) Positional Average
- (c) Spearman's Rank Correlation Coefficient
- (d) Multiple Regression Analysis
- (e) Absolute and Relative measure of dispersion
- (f) F distribution
- (g) Factorial ANOVA
- (h) Simple Regression

(5 × 5 = 25 Marks)

III. Answer any **two** of the following questions **each** in not more than 1000 words

- (a) Discuss different parametric Tests for Testing of Hypothesis.
- (b) Define Pearson's coefficient of rank correlation. When do you use this coefficient?
- (c) Discuss the concept and significance of various measures of central tendency in describing the data.
- (d) What is chi-square test? Give its formula and discuss the applications of chi-square test.

(2 × 15 = 30 Marks)

