PGIIIS-584 A-21
M.L.I.Sc. III Semester Degree Examination
LIBRARY AND INFORMATION SCIENCE
Research Methods and Statistical Techniques
Paper : HC. 3.1

Time : 3 Hours   **Maximum Marks : 80**

Instructions to Candidates:

    *1)   Answer **All** the questions.*

    2)   Marks are Indicated against each question.

1.   a)   What is Research and discuss the types of research.   (16)

(OR)

    b)   Define Hypothesis? Explain the steps involved in the process of testing of hypothesis.

2.   a)   Define case study method and explain its features in Research.   (16)

(OR)

    b)   Write an essay on preparation of a Research proposal.

3.   a)   Define Interview and discuss its various types.   ($2 \times 8 = 16$)

    b)   Describe the various sampling techniques used in Research.

(OR)

    c)   Explain the various structural components in Research report.

    d)   Write a detail note on current trends in LIS research.

4.   a)   Discuss in detail about LIS research in India.   ($2 \times 8 = 16$)

    b)   Write an essay on Ethical Issues in LIS Research.

(OR)

    c)   Describe the various criteria's to be considered in preparing Research report.

5. Write short notes on: (4×4=16)

   a) APA Style manual.

   b) Survey method.

   c) Content analysis.

   d) Check list.

(OR)

   e) Barriers to research.

   f) Informetrics.

   g) MLA.

   h) Steps research process.

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Roll No. _____

PGIIIS-585 A-21
M.L.I.Sc. III Semester Degree Examination
LIBRARY AND INFORMATION SCIENCE
Information Sources
Paper : HC 3.2

Time : 3 Hours   Maximum Marks : 80

Instructions to Candidates:

    1)   *Answer **all** the questions.*

    2)   *Marks are shown against each question.*

1.   a)   What is an 'Information Source'? Discuss the characteristics of Primary sources of information.   **(16)**

(OR)

    b)   Explain the criteria for the evaluation of Encyclopedia. Evaluate New Encyclopedia Britannica.

2.   a)   Write a detailed note on Non- documentary sources of information.   **(16)**

(OR)

    b)   Name different types of Dictionaries, evaluate oxford English Dictionary.

3.   a)   Explain the salient features of Karnataka state gazzetteer.   **(2×8=16)**

    b)   Evaluate statesman's yearbook.

(OR)

    c)   Explain the salient features of Indexing and abstracting periodicals with "chemical Abstracts" as an example.

    d)   Evaluate "MC-Graw Hill encyclopedia of world Biography".

4.   a)   Write a note on Human Sources of Information.   **(2×8=16)**

    b)   Explain the criteria for the evaluation of e-resources.

(OR)

    c)   Differentiate between Primary and tertiary sources of Information.

    d)   Trace the origin and growth of online information resources.

5. Write short notes on   (4×4=16)

   a)   International who's who

   b)   Kitel's kannada- English Dictionary.

   c)   INB

   d)   Annual Reviews

(OR)

   e)   Commonwealth Universities yearbook

   f)   BNB

   g)   Patents

   h)   India who's who

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PGIIIS-587 A-21
M.L.I.Sc. III Semester Degree Examination
LIBRARY AND INFORMATION SCIENCE
Networks, Networking and Library Consortia
Paper : SC 3.2

Time : 3 Hours   Maximum Marks : 80

Instructions to Candidates:

1)   *Answer all the questions.*

2)   *Marks are Indicated against each question.*

1.   a)   Enumerate various types of Networks. Explain in detail LAN and WAN.   (16)

(OR)

   b)   What is Networking? Explain various Network Topologies.

2.   a)   Explain OSI Model of Network Architecture.   (16)

(OR)

   b)   Write a detailed note on functions and Products of INFLIBNET.

3.   a)   Explain the features of a Data Communication Network with BSNL as an example.

                                                                  (2×8=16)

   b)   What is a "Consortium"? Explain the criteria for the selection of a good consortium.

(OR)

   c)   Write a note on FORSA Consortium.

   d)   Discuss the need for network Protection and Security.

4.   a)   Name various Network Protocols.   (2×8=16)

   b)   Write a note on Network-based services.

(OR)

   c)   Write a note on Ethernet.

   d)   Explain the activities and services of DELNET.

5. Write short notes on: (4×4=16)

   a) Hubs/Switches

   b) Types of consortium

   c) MAN

   d) Seven layers of Network

(OR)

   e) Client - server Architecture

   f) NICNET

   g) Optical Fiber

   h) CSIR- e- Journals Consortium

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Roll No. _____   [Total No. of Pages : 2

PGIIIS-586 A-21
MLISc. III Semester Degree Examination
LIBRARY AND INFORMATION SCIENCE
Technologies for Information Management (Theory)
Paper : HC. 3.3

Time : 3 Hours   **Maximum Marks : 80**

Instructions to Candidates:

    1)   *Answer all questions.*

    2)   *Marks are shown against each question.*

1.   a)   Write a detailed note on Multi Media technology.   **(16)**

(OR)

     b)   Explain the major developments in Communication Technology.

2.   a)   Write a detailed note on WINISIS.   **(16)**

(OR)

     b)   What are the components of a database? Explain the process of creating structure of a database in MS - ACCESS.

3.   a)   Write a note on types of Optical media.   **(2×8=16)**

     b)   Discuss the merits and demerits of Microforms.

(OR)

     c)   Describe the salient features of 'Socio File' and 'INSPEC'.

     d)   Write brief note on developments in computer Technology.

4.   a)   Write the procedure of generating. Inverted file in WINISIS.   **(2×8=16)**

     b)   Write a brief note on bounded (terrestrial) communication Media.

(OR)

c) Write a note on functions of a DBMS.

d) Discuss the impact of information Technology on library and Information Services.

5. Write short notes on: (4×4=16)

a) Hypermedia and Multimedia.

b) Web of Science

c) Types of Microforms

d) CD - Rom Publishing

(OR)

e) Elements in Multimedia

f) Wire less Communication

g) BIOSIS

h) Data Security