

**PGIIS -N1681 B-2K13****M.L.I.Sc IIIrd Semester (CBCS & CAGP) Degree Examination****Library and Information Science****(Research Methods and Statistical Techniques )****Paper HC -3.1****(New)**

Time : 3 Hours

Maximum Marks :80

*Instructions to candidates :* Answer all questions.

1. a) What is a research design? Discuss the characteristics of different types of research design? (16)

**(OR)**

- b) Discuss the criteria to be adapted for evaluation of a research report.

2. a) Discuss the utility of case study method of research in LIS. (16)

**(OR)**

- b) Distinguish between descriptive and inferential analysis.

3. a) Discuss the factors to be considered in the selection and formulation of a research problem (2x8=16)

- b) Write a note on computerised data analysis.

**(OR)**

- c). Discuss the salient features of observation method of research.

- d) How internal referencing is done using APA style manuals.

4. a) Write a note on barriers to research. (2x8=16)

- b) Identify the trends in LIS research

(OR)

- c) Describe the merits and demerits of different types o check lists.
- d) Define study population and highlight the need for sampling.

5. Write short notes on.

(4×4=16)

- a) Testing of hypothesis
- b) Informetrics
- c) Non - random sampling techniques
- d) Guidelines for reporting

(OR)

- e) Research
  - f) Historical method of research
  - g) Null hypothesis
  - h) Chicago manual of style.
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**PGIIS-N 1682 B-2K13****M.L.I.Sc IIIrd Semester (CBCS & CAGP) Degree Examination****Library & Information Science****(Information Sources)****Paper - HC - 3.2****(New)**

Time : 3 Hours

Maximum Marks : 80

***Instructions to candidates:****Answer all the questions.*

1. a) Discuss in detail the types of information sources with examples.

**OR**

- b) Bring out the scope, content and arrangement of information in LISA. (16)

2. a) Discuss in detail types and features of non-documentary sources of information.

**OR**

- b) Write the criteria for the evaluation of an 'Encyclopaedia'. (16)

3. a) Describe different types of tertiary sources of information.

- b) Discuss the uses of Electronic sources.

**OR**

- c) Write a detail note on Geographical sources of information.

- d) Discuss different types of dictionaries with examples. (2×8=16)

4. a) Define a 'Directory'. Evaluate world of Learning'.

- b) Write a note on secondary sources of information.

**OR**

- c) Explain the salient features of manorama year Book.

- d) Discuss the nature, types and features of Biographical sources. (2×8=16)

5. Write short notes on:

- a) Standards and specifications.
- b) Statesmans Year Book.
- c) BNB
- d) Web resources.

**OR**

- e) INB
- f) Kittel's Kannada-English Dictionary.
- g) District Gazetteer.
- h) Guide to subject Literature.

**(4×4=16)**

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**PGIIS-N 1683 B-2K13****M.L.I.Sc. IIIrd Semester (CBCS & CAGP) Degree Examination****Library & Information Science****(Technologies for Information Management)****Paper - HC - 3.3****(New)**

Time : 3 Hours

Maximum Marks : 80

***Instructions to candidates:****Answer all the questions.*

1. a) Explain the application of multimedia in libraries and Information centres activities.

**OR**

- b) State and explain the components of Database Management system. (16)

2. a) What is database? Discuss the features of WINISIS.

**OR**

- b) Explain the role of media in telecommunication. (16)

3. a) Write a note on CD-ROM publishing.

- b) Trace the history and development of optical media.

**OR**

- c) Explain the products and services of MEDLARS database.

- d) Write a note on LISA CD-ROM. (2×8=16)

4. a) Discuss the factors to be considered in database creation.

- b) Explain the advantages and disadvantages of Microforms.

**OR**

- c) Write a note on image representation and manipulation.

- d) Explain the conceptual definition of Hypertext and hypermedia. (2×8=16)

5. Write short notes on:

(4×4=16)

- a) Microforms reader and printer.
- b) Features of MS-Access.
- c) INIS
- d) Telefacsimile.

**OR**

- e) Multimedia PC's
  - f) Data Security.
  - g) INSPEC
  - h) Tele conferencing.
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**PGIIS -O 1689 B-2K13****M.L.I.Sc. IIIrd Semester Degree Examination****Library and Information Science****(Technologies for Information Management (Theory))****Paper -3.4  
(Old Scheme)**

Time : 3 Hours

Maximum Marks :80

**Instruction :** Answer all question

1. a) Discuss the impact of IT on university libraries in providing information services (16)  
(OR)
- b) Explain the components of communication technology with the help of block diagram
2. a) Trace the history and development of CD ROM technology (16)  
(OR)
- b) Discuss the features of WINISIS
3. a) Provide system overview of Ms- Access (2x8=16)  
b) Conceptualise "Database"  
(OR)
- c) Write a note on image representation and manipulation
- d) Describe the features of Microfiche
4. a) Discuss the hardware and software requirements use multimedia technology (2x8=16)  
b) Write a note on telefacsimile  
(OR)
- c) Critically examine ' sociofile' from CD-ROM publishing point of view
- d) Discuss the theoretical aspects of information technology

(4x4=16)

5. Write short notes on

- a) Microform
- b) Hypertext
- c) Data base construction
- d) Compendex

(OR)

- e) Telecommunication technology
  - f) DBMS
  - g) Multimedia PC
  - h) Retrieval software
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**PGIIS -N 1684 B-2K13****M.L.I.Sc. IIIrd Semester(CBCS&CAGP) Degree Examination****Library and Information Science****(Networks, Networking and Library Consortia)****Paper -SC 3.2****(New)**

Time : 3 Hours

Maximum Marks :80

**Instructions to candidates :** Answer all questions.

1. a) Discuss the salient features of LAN and WAN (16)  
(OR)  
b) Discuss the objectives and services of INFLIBNET
2. a) Give a detail on Network protocols (16)  
(OR)  
b) Explain the features and services of NICNET
3. a) Give a brief account on Network interface cards (2×8=16)  
b) Explain the role of BSNL in communication network  
(OR)  
c) Explain the need and uses of network  
d) Explain the advantages of library consortia
4. a) Discuss the objectives and services of FORSA (2×8=16)  
b) Give a detail account on INET  
(OR)  
c) Explain the importance of Network protocol  
d) Give a detail account on INDEST.

5. Write short notes on .

(4×4=16)

- a) UGC - INFONET
- b) Network Topologies
- c) Hub's and switches
- d) Teleconferencing service

**OR**

- e) Document Delivery services
  - f) E RNET
  - g) network Architecture
  - h) MAN
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**PGIIS -O 1686 B-2K13****M.L.I.Sc. IIIrd Semester Degree Examination  
Library and Information Science  
(Research Methods and Statistical Technologies)****Paper -3.1  
(Old)**

Time : 3 Hours

Maximum Marks :80

**Instruction :** Answer all the questions

1. a) Critically examine the various definitions of research (16)  
(OR)  
b) Discuss the factors that need to be considered in selection of a research problem.
2. a) Explain the application of scientific method of enquiry with suitable example. (16)  
(OR)  
b) Describe the different types of interview with suitable example
3. a) What is random sampling? Explain simple random sampling technique (2x8=16)  
b) What is non -random sampling? Explain its disadvantages  
(OR)  
c) What is data editing? Explain the steps in data editing  
d) Bring out the advantages of graphical presentation of data
4. a) What is a research report ? Discuss its style and contents (2x8=16)  
b) Discuss the do's and do not's in research reporting  
(OR)  
c) Explain the check points for evaluation of a research report.  
d) Explain the problems of LIS research in India.

5. Write short notes on
- a) Need for research
  - b) Testing of hypothesis.
  - c) Analysis of data.
  - d) Trends in LIS research

**(OR)**

- e) Types of research design
- f) Ethics in research
- g) E- Citations
- h) Sample Bias

**(4x4=16)**

**PGIIS -O1688 B-2K13****M.L.I.Sc. IIIrd Semester Degree Examination****Library and Information Science****(Information Analysis, Consolidation Repackaging & Dissemination(Theory)****Paper-3.3****(Old Scheme)**

Time : 3 Hours

Maximum Marks :80

**Instruction :** Attempt all Questions

1. a) Define an abstract. Write a detailed note on types of Abstracts.  
(OR)  
b) Define 'index'. Discuss the relational indexing of Fordone (16)
2. a) Write a note on the impact of Information Technology on information services  
(OR)  
b) Explain the steps in the design and construction of a thesaurus (16)
3. a) Differentiate between Information analysis and content analysis (2x8=16)  
b) Write a note on the utility of subject Headings as indexing language.  
(OR)  
c) Discuss the merits and Demerits of chain indexing.  
d) Expand SLIC. Explain SLIC indexing in detail.
4. a) Write a note on Referral service. (2x8=16)  
b) What is information repackaging? Explain the nature of work involved in the same.  
(OR)  
c) Trace the evolution of indexing systems  
b) Explain the need for information services in a library

5. Write short note on

(4x4=16)

- a) citation indexing
- b) Reform service
- c) Contribution of culter
- d) KWIC

**OR**

- e) Parts of a thesaurus
  - f) Uniterm indexing
  - g) Contribution of kaiser
  - h) PRECIS.
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**PGIIS -O 1687 B-2K13****M.L.I.Sc IIIrd Semester Degree Examination****Library and Information Science****(Special Library and Information System )****Paper-3.2.3(Optional)****(Old)**

Time : 3 Hours

Maximum Marks :80

***Instructions to candidates:***

Answer all the questions.

1. a) Define Special Library. Discuss the objectives and services of special libraries  
**OR**  
b) Discuss the procedures and problems in organization of E-Publications. (16)
2. a) Discuss the landmarks in development of special libraries in India  
**OR**  
b) Bringout the salient features of patents and standards. Explain the policies and procedures in collection development of patents and standards. (16)
3. a) Write a note on Budgetary Control. (2x8=16)  
b) Explain the prospects of networking of special libraries.  
**OR**  
c) Give a detail note on planning and organisation of on -line SDI service in R&D Libraries.  
d) Discuss the duties and Responsibilities of Reference librarian in an industrial library.
4. a) Explain the objectives and functions of R&D libraries. (2x8=16)  
b) Write a detail note on role of Internet resources in special library

OR

- c) Discuss the various techniques of Budgeting and suggest a suitable one for R&D libraries.
- d) Discuss the procedure in Selection and recruitment of professional staff for special libraries.

5. Write short notes on.

(4x4=16)

- a) Characteristics of special library.
- b) Management of periodicals.
- c) Education and Training.
- d) Mobilization of Financial resources.

OR

- e) Government Libraries.
  - f) Motivation and control.
  - g) Online Information service.
  - h) Furniture and equipment.
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