

M.Phil. Library & Information Examination

Paper-1

Research Methodology

April 2019

Time : 2-30 Hours]

[Max. Marks : 70

- પ્ર. ૧ (A) વિવિધ સંશોધન પદ્ધતિઓ વિષે ટૂંકમાં માહિતી આપો. સર્વેક્ષણ પદ્ધતિ વિષે વિગતવાર ચર્ચા કરો. 20
(B) સંશોધનમાં સાંખ્યિક માહિતી પ્રાપ્તિની વિવિધ પદ્ધતિઓ વિષે ઉદાહરણ સહિત રજૂઆત કરો.
અથવા

ગ્રંથાલય અને માહિતી વિજ્ઞાનમાં સંશોધન અંગેના સાંપ્રત પ્રવાહો જણાવો. ભારતમાં ગ્રંથાલય અને માહિતી વિજ્ઞાન સંશોધનની ધીમી ગતિના કારણો વિષે ચર્ચા કરો.

- પ્ર. ૨ (A) ઉત્કલ્પના એટલે શું? ઉત્કલ્પનાના પ્રકારો જણાવી સંશોધનમાં ઉત્કલ્પનાનું મહત્વ સમજાવો. 20
(B) ગ્રંથાલય અને માહિતી વિજ્ઞાન ક્ષેત્રમાં ઉપયોગમાં લેવાતી વિવિધ માપન પદ્ધતિઓ અને તેની લાક્ષણિકતાઓ વિશે વિસ્તૃત નોંધ લખો.

અથવા

બિબ્લીયોમેટ્રીક્સ, સાયન્ટોમેટ્રીક્સ, ઈન્ફોમેટ્રીક્સ અને વેબોમેટ્રીક્સના વ્યાપ તથા તેના ઉપયોગ વિષે વિબંધ લખો.

- પ્ર. ૩ નીચેના પૈકી કોઈપણ ત્રણ વિષે ટૂંકનોંધ લખો. 15
(૧) પ્રોજેક્ટ મેનેજમેન્ટના વિવિધ તબક્કાઓ વિષે સવિસ્તાર સમજાવો.
(૨) ડેલ્ફી પદ્ધતિ
(૩) નિરીક્ષણ પદ્ધતિના ફાયદા અને મર્યાદા જણાવો.
(૪) 'Anti-Plagiarism' માટે તાજેતરના સાધનો વિશે સમજાવો.
(૫) આંકડાકીય વિશ્લેષણમાં SPSS પેકેજની જરૂરિયાત અને મહત્વ વિશે ચર્ચા કરો.

- પ્ર. ૪ અંગ્રેજી વર્ઝન પ્રમાણે 15

English Version

- Q.1 (A) Write in detail about various research methods. Discuss about survey method. 20
(B) Discuss the various methods of data collection in research citing one example of each method.

OR

Write about the recent trends in library and Information Science research in India. Discuss the reasons for slow growth of research in library and information science.

- Q.2 (A) What is hypothesis? Mention types of hypothesis and explain importance of the hypothesis in research. 20
(B) Write a note on various metric methods and its characteristics which are used in the field of library and information science, in detail.

OR

Write an essay on the scope, need and use of bibliometrics, Scientometrics, Informetrics and webometrics.

- Q.3 Write Short notes on any Three of the following. 15

- (1) Explain in detail about various steps involved in project management.
- (2) Delphi Method
- (3) Mention merits and demerits of observation method.
- (4) Explain about in latest tools for anti-plagiarism.
- (5) Discuss need and importance of SPSS package in statistical analysis.

P.T.O

Q. 4 Select and write the correct answer from following multiple choice questions

15

1. How research is started?

(a) Form a question	(b) Form an answer
(c) From the hypothesis	(d) From a question or a problem of some sort
2. What is the purpose of research

(a) To discover answer	(b) To discover answer to question
(c) To discover nothing	(d) To discover answer to question by scientific procedures
3. Pure research is an investigation conducted by

(a) An individual	(b) An organization
(c) A group of persons	(d) Two persons
4. Scientific method of research can be used.

(a) Only in science	(b) Only in Social Science
(c) In all Disciplines	(d) Only in Natural Science
5. Which is the principal method of research in library and information science

(a) Historical method	(b) Descriptive method
(c) Scientific method	(d) Social science method
6. What is called to hypothesis in Social Science

(a) Law	(b) Principal
(c) Normative Principles	(d) Canon
7. Deductive logic is related in spiral of scientific method with

(a) Zenix	(b) Nadir
(c) Zenith	(d) None of these
8. 'Brain Chamber' is studied in library science in:

(a) Computer and Information Technology	(b) System Analysis
(c) Universe of Knowledge	(d) None of the above
9. What are referred to as statistical methods?

(a) Mean, Mode and Median	(b) Coefficient and correlation
(c) Standard deviation	(d) All of the above
10. SPSS software package for statistical analysis is meant

(a) Economics	(b) Management
(c) Social Psychology	(d) Social Sciences
11. In statistics, summation is denoted by Greek letter

(a) Alpha	(b) Sigma
(c) Delta	(d) Gamma
12. A text taken from a source is placed in a research report without providing reference is called as :

(a) Plagiarism	(b) Popularism
(c) Perfectionism	(d) Post-referencism
13. During the process of data collection from the sample respondents, you obtained some sensitive information, what will be your ethical response in this regard?

(a) Sharing the information with family members	(b) Sharing the information within colleagues
(c) Sharing the information with general public	(d) Keeping the information confidential
14. Which one of the following is not the example of qualitative research?

(a) Case study	(b) Content analysis
(c) Ethnography	(d) Pretest-posttest experiment.
15. What is called the statistical and mathematical analysis of bibliographies and literature of a subject?

(a) Librametric	(b) Bibliometry
(c) Bibliographics	(d) Symmetries

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M.Phil. Library & Information Examination

Paper-2

Emerging Trends in Library & Information Centres

Time : 2-30 Hours]

April 2019

[Max. Marks : 70

પ્ર. ૧. ડિજિટલ લાઇબ્રેરી એટલે શું? ડિજિટલ લાઇબ્રેરીની વિભાવના અને મહત્વ સમજાવી ડિજિટલ લાઇબ્રેરી સોફ્ટવેર ઓમેકા વિષે વિસ્તૃત નોંધ લખો. 20

અથવા

ઓપન એક્સેસની પૂર્વભૂમિકા, તેની ફિલોસોફી, તેના પ્રકારો અને મુખ્ય પહેલ (Initiatives) વિષે વિસ્તૃતમાં જણાવો અને DOAJ વિષે વિગતે લખો.

પ્ર. ૨ ઓપન એક્સેસ ઇ-પબ્લીશીંગ વિશે સમજાવી Digital Commons અને Creative Commons વિશે વિસ્તૃત નોંધ લખો 20

અથવા

વેબ ૨.૦ એટલે શું? ગ્રંથાલયમાં વેબ ૨.૦ નું મહત્વ દર્શાવો અને ResearchGate વિષે ટૂંકનોંધ લખો

પ્ર. ૩ નીચેના પૈકી કોઈપણ ત્રણ વિષે ટૂંકનોંધ લખો 15

1. ઇ-લર્નિંગની વિભાવના ક્રમિક વિકાસ
2. માહિતી સાક્ષરતાની વિભાવના અને જરૂરીયાત
3. ઓપન કોર્સવેર (Open Courseware)
4. Journal ToC વિષે ટૂંકનોંધ લખો

પ્ર. ૪ અંગ્રેજી વર્ઝન પ્રમાણે 15

English Version

Q.1 What is Digital Library? Describe concept and importance of Digital Library and write in a details about Digital library software OMEKA. 20

OR

Write in details about open access, covering its background, philosophy, types and major initiatives and write in details about DOAJ.

Q.2 Describe Open Access E-publishing, Write a note on Digital Commons and Creative Commons. 20

OR

What is Web 2.0? Describe importance of web 2.0 in Library and write a short note on ResearchGate.

Q.3 Write Short notes on any Three of the following. 15

1. Describe the concept and evolution of E-learning
2. Concept and need of Information Literacy
3. Open Courseware
4. write a short note on JournalToC

(PTO)

Q.4 Select and write the correct answer from following multiple choice questions

1. Information Literacy Competency Standards for Higher Education is provided by
 - (a) UNESCO
 - (b) ACRL
 - (c) ANZIIL
 - (d) IFLA
2. An organized collection of links to web-based e-resources made available through a web site is known as
 - (a) Digital Library
 - (b) Virtual Library
 - (c) Electronic Library
 - (d) Hybrid Library
3. The DESIDOC Journal Library and Information Technology is set-up using open source software called OJS. The first version of OJS is developed by
 - (a) Public Knowledge Project (PKP)
 - (b) IIT Khargpur
 - (c) Oxford University
 - (d) Cambridge University
4. Million Book Project is led by
 - (a) Massachusetts Institute of Technology (MIT)
 - (b) Oxford University
 - (c) Carnegie Mellon University
 - (d) Michigan Technology University
5. "Kindle" is
 - (a) An ERM software
 - (b) An electronic database
 - (c) A Print book Publisher
 - (d) An e-book reader
6. The concept of Artificial Intelligence (AI) belongs to _____
 - (a) Third Generation Computers
 - (b) Second Generation Computers
 - (c) Fifth Generation Computers
 - (d) Fourth Generation Computers
7. What is a bug?
 - (a) Error in a Programme
 - (b) Computer Virus
 - (c) Error in Computer Configuration
 - (d) None of these
8. 'Communities' is a component of following digital library software
 - (a) GSDL
 - (b) Fedora
 - (c) i-core
 - (d) D space
9. In which year Budapest Open Access Initiatives declaration took place?
 - (a) 2001
 - (b) 2002
 - (c) 2003
 - (d) 2004
10. Which is not required to create a DIGITAL LIBRARY?
 - (a) Digital Library Software
 - (b) Web Server
 - (c) RFID Tag
 - (d) Database Management System
11. RSS feed is a tool of:
 - (a) Graphic design
 - (b) Architecture
 - (c) Web 1.0
 - (d) Web 2.0
12. On which of the following technologies semantic web is not based?
 - (a) RDF
 - (b) Ontologies
 - (c) Cloud seeding
 - (d) URI
13. Now-a-day's what is a most important vital resource for societal development of a country?
 - (a) Books
 - (b) Knowledge
 - (c) Information
 - (d) Data
14. The supporters of DRM argue that digital locks should be considered necessary to prevent _____ from being copied freely.
 - (a) Digital Property
 - (b) Intellectual Property
 - (c) Online Documents
 - (d) Intelligence Property
15. Identification of an e-article and paying for full-text is known as _____
 - (a) Pay-per-view
 - (b) Consortium
 - (c) Campus license
 - (d) E-subscription

M.Phil. Library & Information Examination
Paper-3

Advance in Management of Library & Information Centres
April 2019

Time : 2-30 Hours]

[Max. Marks : 70

- પ્ર. ૧ સંચાલનના વૈજ્ઞાનિક સિદ્ધાંતો ક્યા ક્યા છે? ગ્રંથાલયના સુચારુ વહીવટ માટે આ સિદ્ધાંતો કેવી રીતે અમલમાં મુકશો તે સમજાવો. ૨૦
- અથવા
- પ્ર. ૧ 'તાલીમ' એટલે શું? ગ્રંથાલયમાં તાલીમના વિવિધ ક્ષેત્રો તેના મહત્વ સાથે સમજાવો.
- પ્ર. ૨ TQMનો ખ્યાલ વર્ણવો. ગ્રંથાલય અને તેની સેવાઓની ગુણવત્તા સુધારવા માટેનાં ઉપકરણો અને તકનીકો વર્ણવો. ૨૦
- અથવા
- પ્ર. ૨ 'ગ્રંથાલયની અસરકારક સેવાઓમાં નાણાકીય સંચાલન અતિ મહત્વનું છે.' ચર્ચા કરો.
- પ્ર. ૩ નીચેના પૈકી કોઈ પણ બે વિષે ટૂંકનોંધ લખો. ૧૬
1. એમ.બી. ઓ.
 2. ગ્રંથાલયના કર્મચારીઓની કામગીરી મૂલ્યાંકન
 3. ગ્રંથાલયના ધોરણો
 4. ગ્રંથાલયના વાર્ષિક અહેવાલના ઘટકો
 5. લાઈબ્રેરી કોન્સોર્સિયા
- પ્ર. ૪ અંગ્રેજી વર્ઝન પ્રમાણે ૧૪

English Version

- Q.1 Which are the Scientific Principles of Management? Explain how these principles are applied in the smooth functioning of a library. 20
- OR
- What is 'Training'? Explain each areas of training in the library with its importance.
- Q.2 Explain the concept of TQM. Explain tools and techniques for improving qualities of library and its services. 20
- OR
- 'Financial management is most essential for an effective library services'. Discuss.
- Q.3 Write short note on any two from the following. 16
1. M.B.O.
 2. Appraisal Performance of Library Staff
 3. Library Standards
 4. Components of Annual Report of a library
 5. Library Consortia
- Q.4. Select and write correct answer from below given options. 14
1. It is the process of describing formal relationship among people and resources to accomplish the goals:

(a) Planning	(b) Leading
(c) Commanding	(d) Organising
 2. Information Gatekeepers come under:

(a) Human sources	(b) Documentary sources
(c) Institutional sources	(d) Neo-conventional sources
 3. Financial support to be given to libraries are of:

(a) Recurring	(b) Ad-hoc
(c) Non-recurring	(d) (a) and (c) only

4. Match the following :

- A. Unity of command
B. Unity of direction
C. Esprit de corps
D. Division of work

- i) Specialization
ii) Strength in unity
iii) Orders from only one person
iv) One boss, one plan

Codes:

- | | A | B | C | D |
|-----|-----|-----|----|---|
| (a) | iv | iii | ii | i |
| (c) | iii | iv | ii | i |

- | | A | B | C | D |
|-----|----|----|-----|----|
| (b) | ii | iv | iii | i |
| (d) | i | iv | iii | ii |

5. The library budget is approved by _____ before it is send to higher authorities for final approval.

- (a) Executive Committee
(b) Library Committee
(c) Readers Committee
(d) Programme Committee

6. Match the following:

List - I

- A. Scaler Chain
B. Esprit de Corps
C. Scientific Management
D. Span of control

List - II

- i. Direct dealing with subordinates
ii. Production, efficiency and prevention of waste
iii. Emphasis on Team Work
iv. Top to Bottom

Codes:

- | | A | B | C | D |
|-----|----|-----|-----|---|
| (a) | iv | iii | ii | i |
| (c) | iv | ii | iii | i |

- | | A | B | C | D |
|-----|-----|-----|---|----|
| (b) | iii | iv | i | ii |
| (d) | ii | iii | i | iv |

7. Match the following:

List-I

- (A) Budget prepared using previous period budget
(B) Budget based on norms and standards
(C) Budget planned integrating number of techniques
(D) Budget prepared identifying current tasks independent of previous year

List- II

- (i) Formula Budget
(ii) Zero-based budget
(iii) Incremental Budget
(iv) PPBS

Codes :

- | | A | B | C | D |
|-----|-------|------|------|------|
| (a) | (iii) | (i) | (iv) | (ii) |
| (c) | (iii) | (ii) | (i) | (iv) |

- | | A | B | C | D |
|-----|-----|-------|-------|------|
| (b) | (i) | (iii) | (iv) | (ii) |
| (d) | (i) | (ii) | (iii) | (iv) |

8. Match the following :

List - I

- A. POSDCORB
B. TQM
C. ZBB
D. PPBS

List - II

- i. Robert McNamara
ii. Peter Phyrr
iii. Gulick F. Urwick
iv. Edward Deming

Codes :

- | | A | B | C | D |
|-----|-----|-----|----|----|
| (a) | iv | iii | i | ii |
| (c) | iii | i | ii | iv |

- | | A | B | C | D |
|-----|-----|----|-----|----|
| (b) | iii | iv | ii | i |
| (d) | ii | i | iii | iv |

9. A skillful method of providing means of mechanism and structural elements to streamline organisation work is called:

- (a) Role Analysis
(b) Work Culture
(c) Strategic Planning
(d) Autonomous Planning

10. Assertion (A): Library consortia are just to procure the electronic resources at best price.

Reason (R): A Library consortium is to coordinate activities, share resources, combine expertise, not just procurement of e-resources. UGC- INFONET in India can be taken as an example.

Codes :

- | | |
|-----------------------------------|-----------------------------------|
| (a) Both (A) and (R) are true. | (b) (A) is true and (R) is false. |
| (c) (R) is true and (A) is false. | (d) Both (A) and (R) are false |
11. Directing deals with _____ the human resources to give out the best.
- | | |
|--------------|-------------------|
| (a) Forcing | (b) Motivating |
| (c) Pleasing | (d) Communicating |
12. Who gave the principle; "The best reading for the largest number at least cost"?
- | | |
|------------------|-----------------------|
| (a) Drury | (b) Melvil Dewey |
| (c) Moors Calvin | (d) None of the above |
13. The principle of maximum aggregate benefit allows _____ to desire maximum benefit of library use.
- | | |
|-----------------------|-------------------|
| (a) Readers | (b) Employees |
| (c) Adequate spending | (d) Library staff |
14. Which method takes items of expenditure for libraries as the working data for allocation of funds?
- | | |
|--------------------------|------------------------|
| (a) Methods of details | (b) Per Capita Methods |
| (c) Principle of Economy | (d) Library Budget |
