

Roll No.

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(Write Roll Number from left side exactly as in the Admit Card)

Signature of Invigilators

1. _____
2. _____

1918

Question Booklet Series

X

PAPER-II

Question Booklet No.

(Identical with OMR Answer Sheet Number)

Subject Code : 19

LIBRARY AND INFORMATION SCIENCE

Time : 2 Hours

Maximum Marks: 200

Instructions for the Candidates

1. Write your Roll Number in the space provided on the top of this page as well as on the OMR Sheet provided.
2. At the commencement of the examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and verify it:
 - (i) To have access to the Question Booklet, tear off the paper seal on the edge of this cover page.
 - (ii) Faulty booklet, if detected, should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.
 - (iii) Verify whether the Question Booklet No. is identical with OMR Answer Sheet No.; if not, the full set is to be replaced.
 - (iv) After this verification is over, the Question Booklet Series and Question Booklet Number should be entered on the OMR Sheet.
3. This paper consists of One hundred (100) multiple-choice type questions. All the questions are compulsory. Each question carries *two* marks.
4. Each Question has four alternative responses marked: (A) (B) (C) (D). You have to darken the circle as indicated below on the correct response against each question.
Example: (A) (B) (●) (D), where (C) is the correct response.
5. Your responses to the questions are to be indicated correctly in the OMR Sheet. If you mark your response at any place other than in the circle in the OMR Sheet, it will not be evaluated.
6. Rough work is to be done at the end of this booklet.
7. If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Sheet, except in the space allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.
8. Do not tamper or fold the OMR Sheet in any way. If you do so, your OMR Sheet will not be evaluated.
9. You have to return the Original OMR Sheet to the invigilator at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are, however, allowed to carry question booklet and duplicate copy of OMR Sheet after completion of examination.
10. Use only Black Ball point pen.
11. Use of any calculator or mobile phone etc. is strictly prohibited.
12. There are no negative marks for incorrect answers.

[Please Turn Over]

LIBRARY AND INFORMATION SCIENCE

PAPER II

1. The phrase 'Information Literate' was first used by:
 - (A) S. R. Ranganathan in 1970
 - (B) Paul G. Zurkowski in 1974
 - (C) Hubert Dreyfus in 1962
 - (D) A. I. Mikhailov in 1966

2. Which organization started "International Advocacy Programme" (IAP) to promote policy framework for valued library services?
 - (A) UNESCO
 - (B) Library of Congress
 - (C) IFLA
 - (D) American Library Association

3. Which is NOT among the seven pillars of SCONUL as defined by SCONUL society?
 - (A) Identify
 - (B) Gather
 - (C) Scope
 - (D) Find

4. The Indian Patent Advanced Search System (In PASS) was introduced in
 - (A) 2011
 - (B) 2012
 - (C) 2013
 - (D) 2015

5. "Essays of an Information Scientist" is a work written by
 - (A) B. C. Vickery
 - (B) Gerard Salton
 - (C) Margaret Mann
 - (D) Eugene Garfield

6. 'Library Development Plan: Thirty Year Programme for India' was prepared by
 - (A) UGC
 - (B) S. R. Ranganathan
 - (C) MHRD, Govt. of India
 - (D) B. S. Kesavan

7. Name the characteristics of information in which the more information we have, the more we use, the more it becomes useful.
 - (A) Synergetic
 - (B) Diffusive
 - (C) Compressible
 - (D) Shareable

8. In which Article of Indian Constitution issues on Libraries are recorded?
 - (A) Article 245
 - (B) Article 246
 - (C) Article 247
 - (D) Article 248

9. Who defined Information as “a difference that makes a difference”?

- (A) A. C. Foskett
- (B) Charles Sanders Pierce
- (C) Gregory Bateson
- (D) Richard Saul Wurman

10. Match the following:

List I

List II

- | | |
|---|------------|
| (a) Union Library Bill (State Level) | (i) 1951 |
| (b) Model Public Library Act | (ii) 1963 |
| (c) Model Public and Information Services Act | (iii) 1989 |
| (d) Indian Public Library Legislation: A Model for 21st Century | (iv) 2008 |

Codes:

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

11. Which organisation uses the tagline “How the information world connects”?

- (A) IFLA
- (B) ISO
- (C) NISO
- (D) WIPO

12. The term ‘library science’ was first used by

- (A) S. R. Ranganathan
- (B) Samuel S. Green
- (C) Lee Pierce Butler
- (D) Lester E. Asheim

13. Arrange the following items in chronological order of their date of first publishing:

- (i) IFLA/UNESCO School Library Manifesto
- (ii) IFLA/UNESCO Multicultural Library Manifesto
- (iii) IFLA/UNESCO Manifesto for Digital Libraries
- (iv) IFLA Internet Manifesto

Codes:

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

14. Match the following:

List I

List II

- | | |
|--|--------------------|
| (a) “Connecting people and information” | (i) Open Libraries |
| (b) “Everyone deserves to learn” | (ii) ASIS&T |
| (c) “Advancing learning, Transforming scholarship” | (iii) SLA |
| (d) “The information professional’s association for the information age” | (iv) ACRL |

Codes:

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

15. How many functions have been mentioned by the American Library Association in 1942 under “The functions of Reference Service”?

- (A) Five functions
- (B) Six functions
- (C) Seven functions
- (D) Eight functions

16. UGC-DAE Consortium is situated at

- (A) Bhubaneswar
- (B) Bhopal
- (C) Indore
- (D) Lucknow

17. Which of the following initiatives is NOT associated with IFLA?

- (A) Library Map of the World
- (B) Memory of the World Register
- (C) Global Vision
- (D) Risk Register of Documentary Cultural Heritage

18. The correct sequence of facet formulae for book number as described in Colon Classification is

- (A) [Language] [Volume] [Copy]
- (B) [Copy] [Language] [Volume]
- (C) [Volume] [Language] [Copy]
- (D) [Language] [Copy] [Volume]

19. What ORCID stands for?

- (A) Open Record and Contribution ID
- (B) Open Research and Content ID
- (C) Open Research and Contribution ID
- (D) Open Researcher and Contributor ID

20. The Indian Copyright Act comprises 15 chapters. Match the chapter with its title:

List I

List II

- | | |
|--|------------------|
| (a) Copyright Office and Copyright Board | (i) Chapter II |
| (b) Ownership of Copyright and the Rights of the owner | (ii) Chapter IV |
| (c) Licenses | (iii) Chapter VI |
| (d) International Copyright | (iv) Chapter IX |

Codes:

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

21. Match the following:

List I

List II

- | | |
|---|------------|
| (a) American Library Association | (i) 1946 |
| (b) The Canadian Library Association | (ii) 1932 |
| (c) Special Library Association | (iii) 1909 |
| (d) The Association of Research Libraries | (iv) 1876 |

Codes:

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

22. Among 'Five New Laws of Librarianship', the Third Law as given by Michael Gorman is

- (A) Protect free access to knowledge.
- (B) Use technology intelligently to enhance services.
- (C) Libraries serve humanity.
- (D) Respect all form by which knowledge is communicated.

23. For the author of the outstanding children book, CILIP has instituted

- (A) Clarence Award
- (B) Carnegie Medal
- (C) Caldcott Medal
- (D) Aurianne Medal

24. Assertion (A) : Reprint is one of the primary source of information.

Reason (R) : It loses its importance once journal in which it has been published is received by the library.

Codes:

- (A) (A) is false, and (R) is true.
- (B) (A) is true, and (R) is false.
- (C) Both (A) and (R) are false.
- (D) Both (A) and (R) are true.

25. Which of the following is NOT based on FRBR model?

- (A) Libsol
- (B) Virtua ILS
- (C) RedLightGreen
- (D) BIBSYS

26. Which one of the following is NOT a review type of publication?

- (A) Advances in Librarianship
- (B) Annual Review of Information Science and Technology
- (C) ALA Yearbook of Library and Information Services
- (D) The International Information & Library Review

27. Which kind of metadata include information such as reproduction, selection, criteria, documentation, etc?

- (A) Technical metadata
- (B) Behavioural metadata
- (C) Administrative metadata
- (D) Structural metadata

28. Match the following:

List I

List II

- | | |
|--------------------------------------|----------------|
| (a) ProQuest | (i) WorldShare |
| (b) U. S. Government Printing Office | (ii) Genie |
| (c) Inmagic | (iii) Summon |
| (d) OCLC | (iv) MetaLib |

Codes:

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

29. Knowledge Lens — the monthly series on scientific and scholarly research is brought out by

- (A) Clarivate Analytics
- (B) Taylor and Francis
- (C) Emerald Publishing
- (D) Springer

30. Which is the first journal in the world, published in English language?

- (A) Philosophical Transactions
- (B) Journal des Scavans
- (C) Zoological Record
- (D) Philosophica

31. The serial publication 'Cold Regions Technical Digest' is published from which country?

- (A) USA
- (B) UK
- (C) Russia
- (D) China

32. Which of the following are NOT document delivery services?

- (i) FAX
- (ii) HUB
- (iii) Photocopying service
- (iv) DBMS

Codes:

- (A) (i) and (ii) are correct.
- (B) (i) and (ii) are correct.
- (C) (ii) and (iii) are correct.
- (D) (iii) and (iv) are correct.

33. Medicinal and Aromatic Plants Abstracts (MAPA) is published by

- (A) ICSSR
- (B) DST
- (C) NISCAIR
- (D) SIS

34. The National Center for Biotechnology Information is a part of

- (A) National Library of Medicine of USA.
- (B) Department of Biotechnology, Government of India.
- (C) International Centre for Genetic Engineering and Biotechnology, Trieste, Italy.
- (D) Biotechnology Industry Research Assistance Council.

35. SYSTRAN is related to which kind of service/work?

- (A) Direct Translation in Machine Translation Format
- (B) Indirect Translation in Machine Translation Format
- (C) System Training for Translation Services
- (D) System Training for Abstracting Services

36. COSATI stands for

- (A) Commission for Scientific and Technical Information
- (B) Constitution for Scientific and Technical Information
- (C) Committee for Scientific and Technical Information
- (D) College for Scientific and Technical Information

37. *Assertion (A)* : Gap device is a nonscientific solution to the problem of growing Universe.

Reason (R) : A classificationist can not forecast the areas/subjects where in some new ones may emerge.

Codes:

- (A) (A) is true, (R) is false.
- (B) (A) and (R) both are false.
- (C) (A) is false, but (R) is true.
- (D) (A) and (B) both are true.

38. Assertion (A) : FRBR is a direct challenge to the emphasis on a single unit defined by its physical description in cataloguing rules.

Reason (R) : It relegates physical description to a secondary role behind the placement of the content in a larger bibliographical context.

Codes:

- (A) Both (A) and (R) are true.
- (B) Both (A) and (R) are false.
- (C) (A) is true, but (R) is false.
- (D) (A) is false, but (R) is true.

39. Match the following:

List I

List II

- | | |
|--|------------------------------------|
| (a) Canons for Array | (i) Canon of Coordinate Classes |
| (b) Canons for Chain | (ii) Canon of Concomitance |
| (c) Canons for Filiatory Sequence | (iii) Canon of Consistent Sequence |
| (d) Canons for Succession of Characteristics | (iv) Canon of Modulation |

Codes:

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

40. Match the following:

List I

List II

- | | |
|---------|--|
| (a) 005 | (i) Fixed-length data elements-General Information |
| (b) 006 | (ii) Physical Description fixed field-Text |
| (c) 007 | (iii) Books-(00-17)-Fixed-length field |
| (d) 008 | (iv) Date and time of latest transaction |

Codes:

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

41. Match the following:

List I

List II

- | | |
|---|---------------------|
| (a) Intregrated Public Service Vocabulary | (i) The Netherlands |
| (b) Unified Medical Language System | (ii) Canada |
| (c) Iconclass | (iii) UK |
| (d) HIV/AIDS Treatment Thesaurus | (iv) USA |

Codes:

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

42. Match the following:

List I

- (a) Stephen Yablo
- (b) Francis Miksa
- (c) Hope A. Olson
- (d) Koraljka Golub

List II

- (i) The subject in the dictionary catalog to the present.
- (ii) Aboutness
- (iii) Subject access to information: An interdisciplinary approach
- (iv) The power to name: Locating the limits of subject representation in libraries

Codes:

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

43. Arrange the following steps in application of POPSI in logical order:

- (i) Category indication
- (ii) Formalisation
- (iii) Modulation
- (iv) Standardisation

Codes:

- (A) (i), (iv), (iii), (ii)
- (B) (ii), (iii), (iv), (i)
- (C) (iii), (ii), (i), (iv)
- (D) (iv), (iii), (ii), (i)

44. Who is known as “Madam Documentation” in the history of librarianship?

- (A) Ingetraut Dahlberg
- (B) Margaret Mann
- (C) Nadezhda Krupskaya
- (D) Suzanne Briet

45. Who among the following was NOT a member of the Aslib-Cranfield Project?

- (A) Brian C. Vickery
- (B) Cyril W. Cleverdon
- (C) E. Michael Keen
- (D) Jack Mills

46. “Without libraries what have we? We have no past and no future.”—Who said this?

- (A) Henriette D. Avram
- (B) Jesse H. Shera
- (C) Michael K. Buckland
- (D) Ray Bradbury

47. Arrange the following according to the principles of facet sequence of Colon Classification, 6th edition:

- (i) Tuberculosis
- (ii) Child
- (iii) Lung
- (iv) Treatment

Codes:

- (A) (i), (ii), (iii), (iv)
- (B) (ii), (iii), (i), (iv)
- (C) (i), (iv), (ii), (iii)
- (D) (iii), (i), (iv), (ii)

48. Arrange the following books according to the chronological order of their publications:

- (i) Grammar of Classification, by W.C.B. Sayers
- (ii) Classification, Theoretical and Practical, by E.C. Richardson
- (iii) Elements of Library Classification, by S.R. Ranganathan
- (iv) Organization of Knowledge and the System of Science, by H.E. Bliss

Codes:

- (A) (i), (iii), (ii), (iv)
- (B) (ii), (i), (iv), (iii)
- (C) (iii), (i), (ii), (iv)
- (D) (iv), (i), (iii), (ii)

49. Which of the following stood for LCCN?

- (i) Library of Congress Card Number
- (ii) Library of Congress Catalog Card Number
- (iii) Library of Congress Control Number
- (iv) Library of Congress Cutter Number

Codes:

- (A) (i), (ii) and (iv) are correct.
- (B) (iii) and (iv) are correct.
- (C) (i), (ii) and (iii) are correct.
- (D) (i), (iii) and (iv) are correct.

50. WebDewey is supported with which of the following group of subject headings lists?

- (A) LCSH, MeSH, SLSH
- (B) LCSH, MeSH, BISAC
- (C) SLSH, MeSH, BISAC
- (D) LCSH, SLSH, BISAC

51. A thesaurus represents two entries as Bank (finance) and Bank (river). This is an example of managing

- (A) Syntax issue
- (B) Synonym issue
- (C) Homograph issue
- (D) Accuracy issue

52. What is an Open Array in the context of Classification?

- (A) An array of classes admitting extrapolation
- (B) An array of classes admitting interpolation
- (C) An array of classes admitting both interpolation and extrapolation
- (D) An array of classes without interpolation and extrapolation

53. According to CCC (Ed. 5), Ministry of Education, Government of West Bengal will be rendered as

- (A) EDUCATION (Ministry of-), WEST BENGAL
- (B) W.B.; EDUCATION (Ministry of-)
- (C) EDUCATION (Ministry of-), W.B.
- (D) WEST BENGAL, EDUCATION (Ministry of-)

54. Who invented the 'Retroactive Ordinal Notation'?

- (A) S.R. Ranganathan
- (B) W.C.B. Sayers
- (C) E.J. Coates
- (D) Melvil Dewey

55. The book entitled 'Applied Welfare Economics' is edited by Richard E. Just. Which of the following is the correct entry on the basis of MARC 21 bibliographic format?

- (A) 245 00 \$a Applied welfare economics/\$c edited by Richard E. Just
700 1# \$a Just, Richard E.
- (B) 245 00 \$a Applied welfare economics/\$c edited by Richard E. Just
100 1# \$a Just, Richard E.
- (C) 245 10 \$a Applied welfare economics/\$c edited by Richard E. Just
700 1# \$a Just, Richard E.
- (D) 245 10 \$a Applied welfare economics/\$c edited by Richard E. Just
100 1# \$a Just, Richard E.

56. What is COBOAT?

- (A) Inter library loan programme
- (B) Enhances the effective management of born-digital documents
- (C) Metadata publishing tool
- (D) Document delivery service

57. LEED, a green building certification programme, is also used by libraries. It stands for

- (A) Leadership for Energy and Environmental Design
- (B) Leadership in Energy and Environmental Design
- (C) Low Energy Environmental Diffraction
- (D) Low Energy Environmental Design

58. Which one of the following activities is NOT a responsibility of the top-level management?

- (A) Policy making
- (B) Monitoring
- (C) Quality control and evaluation
- (D) Resource mobilization

59. *Assertion (A)* : Libraries may keep subscription to either the print or electronic version of journals in an effort to address the concerns for preservation.

Reason (R) : Both the versions of the journal exactly preserve the record for future scholars.

Codes:

- (A) Both (A) and (R) are true.
- (B) Both (A) and (R) are false.
- (C) (A) is true, but (R) is false.
- (D) (A) is false, but (R) is true.

60. *Assertion (A)* : ROAD is a bibliographic service by ISBN International with the support of UNESCO.

Reason (R) : ROAD provides free access to those bibliographic records having ISBN which describes scholarly resources in open access.

Codes:

- (A) (A) is true, but (R) is false.
- (B) (R) is true, but (A) is false.
- (C) Both (A) and (R) are true.
- (D) Both (A) and (R) are false.

61. According to Maslow, which one of the following needs is the highest in the hierarchy?

- (A) Security
- (B) Social
- (C) Self-actualization
- (D) Esteem

62. Kotler has attempted an update of 4Ps concept to reflect this into 4Cs. Match these:

List I

List II

- | | |
|---------------|---------------------------|
| (a) Product | (i) Customer value |
| (b) Price | (ii) Cost to the customer |
| (c) Place | (iii) Convenience |
| (d) Promotion | (iv) Communication |

Codes:

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

63. Assertion (A) : System analysis identifies the components and flow of work.

Reason (R) : System analysis is not necessary if library is automated.

Codes:

- (A) (A) is false, but (R) is true
- (B) Both (A) and (R) are true
- (C) Both (A) and (R) are false
- (D) (A) is true, but (R) is false

64. Which of the following statement(s) is/are false?

- (i) XML overcomes the limitations in HTML to support a structured way of organizing content.
- (ii) XML specification is not case sensitive while HTML specification is case sensitive.
- (iii) XML supports user defined tags while HTML uses pre-defined tags.
- (iv) XML tags need not be closed while HTML tags must be closed.

Codes:

- (A) (ii) only
- (B) (i) only
- (C) (ii) and (iv) only
- (D) (iii) and (iv) only

65. Which of the following is Asynchronous mode of communication?

- (A) Instant Messaging
- (B) E-mail
- (C) Video Conferencing
- (D) VoIP

66. The system of publication of papers online soon after they have been accepted for publication and well ahead of their appearance in the printed journal is called

- (A) Digital access
- (B) Advance access
- (C) Inclusive access
- (D) Direct access

67. Bluetooth is the wireless technology for

- (A) Local area network
- (B) Personal area network
- (C) Broadcast network
- (D) Metropolitan area network

68. Data transmission over Internet works on

- (A) Circuit switching
- (B) Message switching
- (C) Packet switching
- (D) Stackable switching

69. "The medium is the message" and the electronic media have transformed the world into a "global village" are theories of whom?

- (A) Jeffrey Cole
- (B) Marshall McLuhan
- (C) George Gerbner
- (D) Max McCombs

70. Identify the odd one out:

- (A) PersID
- (B) AuthorClaim
- (C) Handle System
- (D) DOI

71. What is CyberStacks(sm)?

- (A) International Cyber Library
- (B) Internet based Community Subject Portal
- (C) Unified Collection of significant WWW and other Internet resources
- (D) Electronic Project Management System

72. The term "cookie" was first coined by

- (A) Ted Nelson
- (B) Lou Montulli
- (C) L. J. Cook
- (D) Tim Berners-Lee

73. "Abhilekh Patal" portal is an initiative of

- (A) National Library
- (B) RRRLF
- (C) National Archives of India
- (D) NISCAIR

74. Match the following:

<i>List I</i>	<i>List II</i>
(a) Z39.14	(i) Information Interchange Format
(b) Z39.18	(ii) Preparation of Scientific & Technical Reports
(c) Z39.19	(iii) Guidelines for Abstracts
(d) Z39.2	(iv) Guidelines for monolingual controlled vocabulary

Codes:

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

75. Match the following:

List I

List II

- | | |
|--------------------|---|
| (a) Google Scholar | (i) Bibliographic database |
| (b) Amazon | (ii) Mailing list for library professionals |
| (c) LIS-Forum | (iii) Book acquisition |
| (d) WorldCat | (iv) Academic search engine |

Codes:

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

76. GitHub is a platform for developer to:

- (a) share source code
- (b) compile source code
- (c) track changes and versioning of the software
- (d) host static web pages

Codes:

- (A) (a), (b), (c) are correct.
- (B) (a), (c) are correct.
- (C) (a), (c), (d) are correct.
- (D) (b), (c), (d) are correct.

77. Match the following:

List I

List II

- | | |
|------------|----------------|
| (a) AARLIN | (i) China |
| (b) CALIS | (ii) Canada |
| (c) NNELS | (iii) Austria |
| (d) OBV | (iv) Australia |

Codes:

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

78. 'ROMARIN' is a database for searching of

- (A) International standards
- (B) International patents
- (C) International trademarks
- (D) International trend reports

79. In relation to DSpace, the full form of SWORD is

- (A) Smart Web Open Repository Deposit
- (B) Simple Web Open Repository Deposit
- (C) Synchronous Web Open Repository Deposit
- (D) Simple Web Offering Repository Deposit

80. Who among the following did not belong to the "Gang of Three" in the beginning of the iSchool Movement?

- (A) Donald Merchand
- (B) Richard Budd
- (C) Richard Lytle
- (D) Toni Carbo

81. INFED is

- (A) International Federation of Electronic Databases
- (B) INFLIBNET Access Management Federation
- (C) INFLIBNET Federation for Electronic Databases
- (D) International Access Management Federation

82. Match the following:

List I

List II

- | | |
|-------------------------|--|
| (a) Trend Analysis | (i) Analyzing two dimensional longitudinal data |
| (b) Cohort Study | (ii) Analyzing a group of people sharing a defined characteristics |
| (c) Cross-section study | (iii) Analyzing many subjects at the same point of time |
| (d) Panel Analysis | (iv) Analyzing financial statement over the years |

Codes:

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

83. *Assertion (A)* : Null hypothesis is a research hypothesis to be tested.

Reason (R) : Statistical hypothesis is numerical expression of null hypothesis.

Codes:

- (A) (A) is true, but (R) is false.
 (B) (A) is false, but (R) is true.
 (C) Both (A) and (R) are true.
 (D) Both (A) and (R) are false.

84. *Assertion (A)* : Experimental research is carried out with the help of control group and experimental group by manipulating the independent variable in the control group.

Reason (R) : The values in control group and experimental group will be same before the experiment, but the values in these two groups will vary during the experiment because of the changes made to the dependent variable.

Codes:

- (A) Both (A) and (R) are false.
 (B) Both (A) and (R) are true.
 (C) (A) is false, but (R) is true.
 (D) (A) is true, but (R) is false.

85. What is the most relevant answer of 'accidental sampling'?

- (A) Fixing a 'Quota'
 (B) Self selected
 (C) Purposive served
 (D) First come, first served

86. Which one of the following is NOT the components of the National Mission on Libraries set up by the Ministry of Culture, Government of India?

- (A) Creation of National Digital Library of India (NDLI)
 (B) Setting up of Model libraries
 (C) Quantitative and Qualitative survey of libraries
 (D) Capacity building for enhancement of the professional competence of library personnel

87. The quantitative studies examining diagrams, pictures and charts in papers in relation to their citations is termed as

- (A) Vizometrics
- (B) Alex metrics
- (C) Digrametric
- (D) Pictometry

88. Arrange the following in correct order, as propounded by S.R. Ranganathan:

- (i) Deductive Phase
- (ii) Empirical Phase
- (iii) Verification Phase
- (iv) Hypothesizing phase

Codes:

- (A) (i), (ii), (iv), (iii)
- (B) (ii), (iv), (i), (iii)
- (C) (ii), (i), (iii), (iv)
- (D) (i), (iv), (ii), (iii)

89. Which of the following statement is NOT correct for 'Simplified model of facet analysis' proposed by Louise Spiteri?

- (i) It incorporates the principle of facet analysis proposed by both Ranganathan and CRG.
- (ii) The model is divided into Ranganathan's three planes of work.
- (iii) The term 'Principle' is used instead of 'Canon' or 'Postulate'.
- (iv) It is biased towards the principles of Ranganathan, particularly in the area of the choice of fundamental categories and the citation order of the facets.

90. The Centre for Research on User Studies, which brought out certain guidelines for UNESCO is based at

- (A) Bath University
- (B) Sheffield University
- (C) University of California, Berkley
- (D) Royal Society of London

91. Which one of the following is a disadvantage of Randomization?

- (A) Unrepresentative
- (B) Economy
- (C) Convenience
- (D) Statistical in nature

92. Match the following:

List-I

List-II

- | | |
|--------------------------------|---|
| (a) Pure Research | (i) Probability sampling |
| (b) Applied Research | (ii) Fundamental laws of Thermodynamics |
| (c) Showball Sampling | (iii) Invention of steam engine |
| (d) Systematic Random Sampling | (iv) Non-probability sampling |

Codes:

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

93. In stratified sampling, units are selected

- (A) after dissociating the population into different groups on the basis of specific standard and then the units are selected from these groups.
- (B) after dividing the population into different groups on the basis of specific standard and then taking an equal proportion of units from each group.
- (C) after dividing the population into different 'strata' and then selecting any one strata out of them.
- (D) units are selected from the population as they are convenient to the researcher.

94. Which of the following are the information seeking behaviour models?

- (i) Episodic model
- (ii) Information foraging model
- (iii) 2-Poisson model
- (iv) Balanced Scorecard model

Codes:

- (A) (i) and (ii) are correct.
- (B) (iii) and (iv) are correct.
- (C) (i) and (iii) are correct.
- (D) (ii) and (iv) are correct.

95. FORSA has 12 members. Some of the institutions are listed below. Match these institutions with their locations:

List-I

List-II

- | | |
|---|-----------------|
| (a) Aryabhatta Research Institute of Observational Sciences | (i) Nainital |
| (b) Indian Institute of Astrophysics | (ii) Bangalore |
| (c) Physical Research Laboratory | (iii) Ahmedabad |
| (d) Tata Institute of Fundamental Research | (iv) Mumbai |

Codes:

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

96. Arrange the following in ascending order by the year of their origin.

- (i) DLI
- (ii) NDLTD
- (iii) NDLI
- (iv) TKDL

Codes:

- (A) (iii), (iv), (ii), (i)
- (B) (ii), (iv), (i), (iii)
- (C) (ii), (i), (iv), (iii)
- (D) (iii), (i), (ii), (iv)

97. What are the different areas in UGC's Promotion of Academic Integrity and Prevention of Plagiarism in Higher Education Institutions Regulations, 2018 where libraries can have very big role?

- (A) Clauses 5,6 and 7
- (B) Clauses 5,6 and 8
- (C) Clauses 4,5 and 6
- (D) Clauses 4,6 and 7

98. CARLI stands for what?

- (A) Council for Agricultural Research Libraries in India.
- (B) Consortium of Academic and Research Libraries in Illinois.
- (C) Consortium for Agricultural Research Libraries in India.
- (D) Consortium of Advanced Agricultural Research Libraries in India.

99. What is "INFOPORT"?

- (A) Information portal of MIT Library
- (B) OCLC's federated search engine
- (C) Information portal of Stanford University Library
- (D) Subject Gateway of Indian Electronic Resources

100. The word plagiarism is derived from Latin, which means

- (A) Stealing
 - (B) Kidnapping
 - (C) Piracy
 - (D) Misconduct
-

X-19

1918-II

ROUGH WORK

1918-II

X-20

ROUGH WORK