

Roll No.

--	--	--	--	--	--	--	--

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

Signature of Invigilators

1. _____

2. _____

1917

Question Booklet Series

X

PAPER-III

Question Booklet No.

(Identical with OMR Answer Sheet Number)

Subject Code : 19

LIBRARY & INFORMATION SCIENCE

Time : 2 Hours 30 Minutes

Maximum Marks: 150

Instructions for the Candidates

- Write your Roll Number in the space provided on the top of this page as well as on the OMR Sheet provided.
- 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:
 - To have access to the Question Booklet, tear off the paper seal on the edge of this cover page.
 - Faulty booklet, if detected, should be get 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.
 - Verify whether the Question Booklet No. is identical with OMR Answer Sheet No.; if not, the full set to be replaced.
 - After this verification is over, the Question Booklet Series and Question Booklet Number should be entered on the OMR Sheet.
- This paper consists of seventy-five (75) multiple-choice type questions. All the questions are compulsory. Each question carries *two* marks.
- 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.
- 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.
- Rough work is to be done at the end of this booklet.
- If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Sheet, except 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.
- Do not tamper or fold the OMR Sheet in any way. If you do so, your OMR Sheet will not be evaluated.
- 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.
- Use only Black Ball point pen.**
- Use of any calculator or mobile phone etc. is strictly prohibited.**
- There are no negative marks for incorrect answers.**

[Please Turn Over]

LIBRARY AND INFORMATION SCIENCE

PAPER III

1. What is the meaning of the term “Information Iceberg”?

- (A) 1/3 visible and 2/3 non-visible
- (B) 1/4 visible and 3/4 non-visible
- (C) 1/4 non-visible and 3/4 visible
- (D) 1/3 non-visible and 2/3 visible

2. “Reading makes a full man, conference a ready man, and writing an exact man”.— is quoted by

- (A) William Shakespeare
- (B) Oliver Goldsmith
- (C) Francis Bacon
- (D) J. D. Bernal

3. What is IFLA-PAC?

- (A) Resource sharing programme for communication in Asia Pacific
- (B) Funding assistance to Pan American countries
- (C) Core programme on preservation and conservation
- (D) Network based guidelines for Public Access Catalogue

4. ‘Quality Circles’, a new channel of communication in organisation, is a technique used in

- (A) Management of Control
- (B) Participative Management
- (C) Personnel Estimation
- (D) Personnel Evaluation

5. What are the benefits of professional development?

- (i) Reduction of job related stress
- (ii) Acquisition of fundamental knowledge of library system
- (iii) Promotion of job competencies
- (iv) Establishment of professional image

Codes:

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

6. To arrange books in chronological order, Ranganathan devised a method called

- (A) Method of Residue
- (B) Method of Supplement
- (C) Method of Decreasing Extention
- (D) Method of Complement

7. Which one in the rules of AACR2 reflects the Canon of Ascertainability?

- (A) Levels of details in the description
- (B) Statement of responsibility
- (C) Chief source of information
- (D) GMD

8. *Assertion(A):* Reference Desk now-a-days in libraries is becoming insignificant.

Reason(R): ICT tools like Web 2.0, Web 3.0, Blog, VRS etc. are going to replace the reference desk.

Codes:

- (A) (A) is true (R) is false.
- (B) (A) is false but (R) is true.
- (C) (A) is true and (R) is correct explanation of (A).
- (D) (A) is true but (R) is not correct explanation of (A).

9. In which layer MAC address of a computer is assigned to network interface?

- (A) Physical Layer
- (B) Data Link Layer
- (C) Network Layer
- (D) Transport Layer

10. There are four main steps in the implementation of TQM. The correct sequence is

- (A) Plan, Check, Act, Do
- (B) Plan, Do, Check, Act
- (C) Check, Do, Plan, Act
- (D) Check, Act, Do, Plan

11. Which of the following are the problems of present information environment?

- (i) Information indiscipline
- (ii) Information literacy
- (iii) Information overload
- (iv) Information technology

Codes:

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

12. Who is considered as the father of the Social-Systems School of Thought?

- (A) H. L. Gantt
- (B) Henry Fayol
- (C) William J. Dickson
- (D) Chester I. Barnard

13. Path-Goal theory developed by Robert House is basically concerned with

- (A) Motivation
- (B) Leadership
- (C) Communication
- (D) Performance evaluation

14. For promoting love for books and reading, ALA has instituted

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

15. The background idea of Ranganathan's proposition of the 'Universe of Subjects' is based on

- (A) Melvil Dewey's decachotomic division of universe of subjects
- (B) J. D. Brown's Subject Classification
- (C) Successive division of genus to species as described by the Tree of Porphyry
- (D) George Cantor's concept of infinity

16. Who developed Repertory Grid Technique for assessing how the users view the world from their own perspective?

- (A) William A. Katz
- (B) Calvin Mooers
- (C) N. J. Belkin
- (D) George Kelley

17. Science Citation Index is now owned by

- (A) Thompson Reuters
- (B) Eugene Garfield Association
- (C) Clarivate Analytics
- (D) ProQuest

18. *Assertion(A):* Indexing language as an artificial language has also syntax and semantics, the latter being the controlled vocabulary.

Reason(R): The purpose of vocabulary control is to show different relationships between terms.

Codes:

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

19. FRSAD deals with
- (A) Name authority data
 - (B) Bibliographic data
 - (C) Subject authority data
 - (D) Location data
20. MADS is a standard related with
- (A) Bibliographic data encoding
 - (B) Authority data encoding
 - (C) Bibliographic data transfer
 - (D) Authority data transfer
21. Library building expenditure is
- (A) Debit charges
 - (B) Recurring expenditure
 - (C) Contingency expenditure
 - (D) Capital outlay
22. CRG's theory of facet analysis differs from that of Ranganathan in the following aspects:
- (A) Only in the Choice of Fundamental Categories.
 - (B) Only in the Ordering of the Fundamental Categories.
 - (C) Only in the Choice of Personality Facet.
 - (D) Both the Choice of Fundamental Categories and the order of these categories.
23. IndCat consists of these components:
- (A) Books, Theses, and Serials
 - (B) Books, Theses, and Expert Databases
 - (C) Theses, Serials, and Expert Databases
 - (D) Bibliographic Database, Full text Databases, and Expert Databases
24. Who derived Principles of Librarianship from core, liberal, democratic and humanistic values?
- (A) Michael Gorman
 - (B) Samuel Rothstein
 - (C) Hemlata Iyer
 - (D) C. A. Cutter
25. Which of the following communication models is considered as non-linear model of communication?
- (A) Foulger Model
 - (B) Aristotle Model
 - (C) Shannon Model
 - (D) Westley and MacLean Model
26. The printed version of 'Who's who in India', is published by
- (A) Sterling Publication, New Delhi
 - (B) Trades Man and Men Asia, Delhi
 - (C) Business Press, Mumbai
 - (D) Sahitya Samsad, Kolkata
27. Who proposed the term "Global Village"?
- (A) Peter Drucker
 - (B) F. W. Lancaster
 - (C) Marshal McLuhn
 - (D) E. B. Jackson
28. How many license conditions are available under Creative Commons?
- (A) Two
 - (B) Three
 - (C) Four
 - (D) Five

29. Match the following:

List I

- (a) Relief model
- (b) Filmslip
- (c) Diorama
- (d) Aperture card

List II

- (i) 3D artifact and realia
- (ii) Graphic material
- (iii) Microform
- (iv) Cartographic material

Codes:

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

30. According to AACR2R, name-title added entries are to be made for:

- (i) Collections of independent works without collective title
- (ii) Illustrated texts with separately published publications
- (iii) Original works in case of adaptations of texts
- (iv) Revisions of texts where original author is no longer considered responsible

Codes:

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

31. International Federation for Information Processing (IFIP) is established under the auspices of

- (A) IFLA
- (B) SLA
- (C) UNESCO
- (D) ALA

32. Essential Components of Communication Process are:

- (A) Sender, Encoding, Message, Channel, Receiver, Feedback
- (B) Sender, Encoding, Message, Medium, Receiver, Feedback
- (C) Sender, Encoding, Message, Medium, Receiver, Feed forward
- (D) Sender, Encoding, Message, Context, Medium, Receiver, Feedback

33. Ontology is

- (A) indexing method
- (B) classification of digital information
- (C) cataloguing of internet based documents
- (D) documentation service

34. Who is the author of 'The Subject Approach to Information'?

- (A) S. R. Ranganathan
- (B) D. J. Foskett
- (C) Melvil Dewey
- (D) A. C. Foskett

35. Who first introduced the concept of "Tacit Knowledge"?

- (A) T. Davenport
- (B) L. Prusak
- (C) M. Polanyi
- (D) H. Takeuchi

36. The founder president of International Society for Knowledge Organisation (ISKO) was

- (A) S. R. Ranganathan
- (B) Ingetraut Dahlberg
- (C) B. C. Vickery
- (D) F. W. Lancaster

37. Which Digital Library Software was launched as an experimental version for Android?

- (A) DSpace
- (B) Greenstone
- (C) E-Print
- (D) Fedora

38. "Tibetan and Himalayan Digital Library" is situated at

- (A) Stanford University
- (B) University of North Bengal
- (C) University of Delhi
- (D) University of Virginia

39. Match the following:

List I

List II

- | | |
|----------------------|----------------------------|
| (a) Henry Fayol | (i) Hierarchy of Needs |
| (b) F. W. Taylor | (ii) Theory X and Theory Y |
| (c) Abraham Maslow | (iii) Classical Theory |
| (d) Douglas McGregor | (iv) Scientific Management |

Codes:

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

40. Which one of the following was the first metropolitan network of India?

- (A) ADINET
- (B) CALIBNET
- (C) MALIBNET
- (D) BONET

41. Which one of the following List options is not available in Koha?

- (A) Direct List
- (B) Public List
- (C) Private List
- (D) Open List

42. DSpace is basically an open source software available under

- (A) GNU/GPL distribution licence
- (B) New York software distribution licence
- (C) Berkeley software distribution licence
- (D) MIT software distribution licence

43. Which of the following format is not supported in DSpace?

- (A) .dvi
- (B) .tex
- (C) .djvu
- (D) .fm

44. *Assertion(A):* Access crisis led to the formation of library consortia around the world.

Reason(R): Access crisis refers to the situation in which budget of the library for subscription of journals remain static in spite of rising subscription cost of journals and this in turn affects the collection development policy of the libraries.

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.

45. WLN currently stands for

- (A) World Language Network
- (B) Weapons Logistics Network
- (C) Western Library Network
- (D) Washington Library Network

46. The new delivery application software "SaaS" (Software as a Service), Cyberian is

- (A) running remotely on a web server which the user can access by using a web browser.
- (B) installed and run on a user's computer.
- (C) available only through a gateway.
- (D) a hardware required for WAN.

47. The HINARI programme support which of the OA model?

- (A) Partial OA model
- (B) Per-capita OA model
- (C) Delayed OA model
- (D) Subsidized OA model

48. Which is/are not true about NDLTD?

- (i) It is a Digital Library of Theses and Dissertations.
- (ii) It supports federated search facility.
- (iii) It also provide a browsing interface separately.
- (iv) Browsing interface contain Index and Abstracts only.

Codes:

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

49. Match the following:

List I

List II

- | | |
|----------------------|--|
| (a) <i>ibid.</i> | (i) See |
| (b) <i>loc. cit.</i> | (ii) Previously cited |
| (c) <i>op. cit.</i> | (iii) Same reference cited immediately above |
| (d) <i>vide</i> | (iv) The same place cited |

Codes:

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

50. The variable that you manipulate so that its effects may be observed is called

- (A) Manipulated variable
- (B) Causal variable
- (C) Dependent variable
- (D) Independent variable

51. While calculating Altmetric score in Altmetrics.com, which of the following social network score is not considered?

- (A) LinkedIn
- (B) Twitter
- (C) Facebook
- (D) Google +

52. "Practitioner Research" is also known as

- (A) Grounded Theory
- (B) Case Study Research
- (C) Interpretive Research
- (D) Action Research

53. Assertion(A): One way ANOVA is technique used to compare means of three or more samples.

Reason(R): The two group case can be covered by F-test.

Codes:

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

54. Match the following:

List I

List II

- | | |
|--------------------------|------------------------|
| (a) MetaLib | (i) Knimbus |
| (b) GIST | (ii) Serials Solutions |
| (c) ExLibris | (iii) Encore Discovery |
| (d) Innovative Interface | (iv) Primo Central |

Codes:

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

55. In UDC, the class number 351.77 represents the subject 'Public Health, Food, Housing etc.' This may be considered as violation of the

- (A) Canon of Homonym
- (B) Canon of Synonym
- (C) Canon of Consistent Sequence
- (D) Canon of Modulation

56. Who is the author of 'The Coming of Post-Industrial Society'?

- (A) Bertram C. Brookes
- (B) Derek J. de Solla Price
- (C) Daniel Bell
- (D) Claude Shannon

57. Which of the following is correct in the context of g-index?

- (a) g-index shows poor correlation with total number of citations an author has received.
- (b) In g-index number of citations for a single article is not critical.

Codes:

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

58. Match the following:

List I

List II

- | | |
|-------------------|--------------|
| (a) $f(r) = K/r$ | (i) Bradford |
| (b) $x^n y = c$ | (ii) Zipf |
| (c) $L : n : n^2$ | (iii) Pareto |
| (d) 80-20 | (iv) Lotka |

Codes:

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

59. Who is the author of "Why conduct user studies"?

- (A) Martin
- (B) Taylor
- (C) Wildemuth
- (D) Forsetlund and Paisley

60. Which of the following is/are not true about DRM?

- (i) It is a tool used to restrict the unauthorised access of digital content.
- (ii) It is the management of the digital rights.
- (iii) It is digital management rights.
- (iv) It is systematic approach of copyright protection for digital media.

Codes:

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

61. "The Big Blue-taxonomy of information skills" is an Information Literacy Model developed by

- (A) ACRL
- (B) JISC
- (C) SCONUL
- (D) CAUL

62. Match the following:

List I

List II

- | | |
|---------------------------|-------------------------|
| (a) Knowledge Industry | (i) Bertram Gross |
| (b) Information Pollution | (ii) RichardSaul Wurman |
| (c) Information overload | (iii) Jakob Nielson |
| (d) Information Anxiety | (iv) Fritz Machlup |

Codes:

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

63. Who propounded Information Need as a state of uncertainty recognised by individual?

- (A) Chen and Herson
- (B) Krikelas
- (C) Paisley
- (D) Marchionini

64. Who developed the theory of information supply and indexing based on five axioms?

- (A) Robert Fugmann
- (B) William Cooper
- (C) Eugene Garfield
- (D) Calvin Mooers

65. Each CCF record begins with a fixed-length table of _____ to provide parameter to process record.

- (A) 16 characters
- (B) 13 characters
- (C) 24 characters
- (D) 21 characters

66. In thesaurus 'USE' and 'UF' denotes which type of relation?

- (A) Equivalence Relationship
- (B) Associative Relationship
- (C) Affinitive Relationship
- (D) Hierarchical Relationship

67. Who commented that "Information Science is the totality of the process of communication and understanding both intra- and inter-personally"?

- (A) Prof. Wallace Koehler
- (B) Prof. Charles Oppenheim
- (C) Prof. T. D. Wilson
- (D) Prof. Anthony Debons

68. The name of catalogue developed by OCLC is

- (A) COPAC
- (B) WorldCat
- (C) International Union Catalogue
- (D) Catalogs.com

69. The database EDOC deals with

- (A) Standards and Specifications
- (B) Theses and Dissertations
- (C) Patents
- (D) Conference Proceedings

70. The equation $K[S] + \delta I = K[S + \delta S]$, is known as Brookes' Fundamental equation of Information Science, where $K[S]$ represents initial knowledge structure and $K[S + \delta S]$ represents modified knowledge structure. What is represented by δI ?

- (A) Change in the initial knowledge structure
- (B) Increment of input information
- (C) Retrieval of input information
- (D) Loss of input information

71. Which of the following functions are analysed by ALA as reference service function?

- (i) Consultation function
- (ii) Guidance function
- (iii) Instruction function
- (iv) Bibliographic function

Codes:

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

72. In Vickery's term those documents which are neither retrieved nor relevant are called

- (A) Weed Documents
- (B) Dodged
- (C) Fallout Ratio
- (D) Redundant

73. In Colon Classification (CC), ideas which are conceptually equivalent in the context of different disciplines are called

- (A) Seminal Mnemonics
- (B) Verbal Mnemonics
- (C) Alphabetical Mnemonics
- (D) Scheduled Mnemonics

74. Which of the following knowledge can be articulated, codified and stored in certain media?

- (A) Explicit Knowledge
- (B) Tacit Knowledge
- (C) Procedural Knowledge
- (D) Declarative Knowledge

75. In SWOC, the character 'C' represents 'challenges' which refers to

- (A) challenges by top authorities to the subordinates.
 - (B) challenges by subordinates to the top authorities.
 - (C) elements in the environment that could cause trouble for the organisation.
 - (D) elements in the environment that would not cause trouble for the organisation.
-

1917-III

X-12

ROUGH WORK