

Roll No.

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

Signature of Invigilators

1. _____

2. _____

1917

Question Booklet Series

X

PAPER-II

Question Booklet No.

(Identical with OMR Answer Sheet Number)

Subject Code : 19

LIBRARY AND INFORMATION SCIENCE

Time : 1 Hour 15 Minutes

Maximum Marks: 100

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 fifty (50) 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) (C) (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 II

1. Who categorized documentary sources of information as Primary, Secondary and Tertiary?

- (A) C. W. Hanson
- (B) D. Grogan
- (C) S. R. Ranganathan
- (D) H. P. Luhn

2. An automated system that converts citation metadata into one or more locations where the cited document may be found is called a

- (A) Digital Object Identifier
- (B) Link resolver
- (C) Linking metadata
- (D) Universal Resource Identifier

3. Ranganathan had associations with the following international organisations:

- (i) FID
- (ii) ISKO
- (iii) UNESCO
- (iv) WIPO

Codes:

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

4. The document entitled "Classification and subject index for cataloguing and arranging the books and pamphlets of a library" is currently known as the

- (A) Dewey Decimal Classification
- (B) Expansive Classification
- (C) International Classification
- (D) Subject Classification

5. *Assertion (A)* : Loose Assemblage is the process of linking together different classes.

Reason (R) : This mode was formerly known as subject bundle.

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

6. Arrange the following e-book sites in reverse chronological order of their origin.

- (i) Google Books
- (ii) Hathi Trust Digital Library
- (iii) Internet Archive
- (iv) Open Library

Codes:

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

7. Which one of the following is *not* the attribute of an information literate person?

- (A) ICT Literacy
- (B) Media Literacy
- (C) Teaching Literacy
- (D) Library Literacy

8. Which one is the operating authority of 'Math Sci'?

- (A) Indian Mathematical Society
- (B) British Mathematical Society
- (C) American Mathematical Society
- (D) European Mathematical Society

9. Who is the author of the book entitled "Our Enduring Values Revisited : Librarianship in an Ever-Changing World"?

- (A) Christine L. Borgman
- (B) Michael Gorman
- (C) Patrick Wilson
- (D) Thomas Mann

10. *Assertion (A)* : Subject Gateways are suitable for all types of users for finding their information.

Reason (R) : Subject Gateways are developed by subject and computer experts, and librarians.

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

11. Who developed Big 6 Model of 'Information and Technology Skills for Student Success'?

- (A) Michael Eisenberg and Bob Berkowitz
- (B) Paul Zurkowski and Bob Berkowitz
- (C) Paul Zurkowski and Tim Berners-Lee
- (D) Michael Eisenberg and Tim Berners-Lee

12. In India 'ShodhGangotri' is developed for

- (A) Online repository of journals
- (B) Online repository of Ph. D. theses
- (C) Online repository of approved synopsis for Ph. D. work
- (D) Online repository of M. Phil. theses

13. In the context of Management Information System (MIS) the Tactical + External + Internal combination of nature of decision implies for one of the following management levels:

- (A) Lower Level Management
- (B) Top Level Management
- (C) Operational Level of Management
- (D) Middle Level Management

14. Match the following:

List I

List II

- | | |
|--------------------|---|
| (a) INSPEC | (i) American Chemical Society |
| (b) SciFinder | (ii) Elsevier |
| (c) SCOPUS | (iii) Institute of Engineering and Technology |
| (d) Web of Science | (iv) Clarivate Analytics |

Codes:

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

15. Who compared the development of Information Retrieval with seven ages of man as described by Shakespeare in "As you like it"?

- (A) Hans Peter Luhn
- (B) Michael Lesk
- (C) Calvin Mooers
- (D) Gerard Salton

16. Match the following:

List I

List II

- | | |
|----------------------------|-----------------------|
| (a) University of Houston | (i) ORA |
| (b) University of Waterloo | (ii) PLEXUS |
| (c) University of London | (iii) MYCIN |
| (d) Stanford University | (iv) Reference Expert |

Codes:

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

17. It is often understood that Eckert and Mauchly were the first to introduce electronic digital computers (mainframe). But one of the following was the first to introduce it.

- (A) Alan Turing
- (B) Konrad Zuse
- (C) J. Vincent Atanasoff
- (D) Clifford Berry

18. Essays entitled "Library" (in Bengali) are written by

- (i) Prabhat Kumar Mukhopadhyay
- (ii) Pramatha Chaudhuri
- (iii) Rabindranath Thakur
- (iv) Sukumar Ray
- (A) Both (i) and (iii)
- (B) Both (ii) and (iv)
- (C) Both (ii) and (iii)
- (D) Both (iii) and (iv)

19. Four Quadrant approach of the Indian version of Massive Open Online Courses (MOOCs) has been envisaged as the following four components:

- (A) (i) Online tutorial, (ii) Open content, (iii) e-Counsellor, (iv) e-Assessment.
- (B) (i) Blended tutorial, (ii) AV content, (iii) Online resources, (iv) Online examination.
- (C) (i) e-Tutorial, (ii) e-Content, (iii) Web Resources, (iv) Self-assessment.
- (D) (i) Interactive Simulation, (ii) AV content, (iii) Web Resources, (iv) Self-assessment.

20. What organisational structure the 'Span of Control' concept is related to?

- (A) Product Oriented Structure
- (B) Vertical Dimension Structure
- (C) Project Oriented Structure
- (D) Horizontal Dimension Structure

21. Match the following:

- | <i>List I</i> | <i>List II</i> |
|-----------------------------|--|
| (a) J. D. Bernal | (i) The Grammar of Science |
| (b) Thomas Kuhn | (ii) The Social Function of Science |
| (c) Derek J. de Solla Price | (iii) The Structure of Scientific Revolution |
| (d) Karl Pearson | (iv) Little Science, Big Science |

Codes:

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

22. Roget's International Thesaurus is a

- (A) List of scientific terms
- (B) Book of technical terms
- (C) Classified list of terms
- (D) Book of synonyms

23. Match the following:

- | <i>List I</i> | <i>List II</i> |
|-----------------------------|---------------------------------------|
| (a) Henry L. Gantt | (i) Human Relations School |
| (b) Chester Barnard | (ii) Administrative Management School |
| (c) Fritz J. Roethlisberger | (iii) Behavioural School |
| (d) Rensis Likert | (iv) Scientific Management School |

Codes:

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

24. Identify the odd one out.

- (A) Web push
- (B) Web forms
- (C) Voice-over IP
- (D) Co-browsing

25. Which one among the following is *not* an element of the 'marketing mix'?

- (A) Physical distribution
- (B) Product design
- (C) Product mix
- (D) Promotion

26. Tippett's Table is

- (A) A statistical table.
- (B) A table used for sampling purpose.
- (C) A table used for verification of statistical inferences.
- (D) A table used for charging system.

27. The acronym ISNI stands for

- (A) International Signalling Network Identification
- (B) International Society for Networked Information
- (C) International Standard Network Identifier
- (D) International Standard Name Identifier

28. Arrange the following in chronological order:

- (i) Right to Information Act (India)
- (ii) Information Technology Act (India)
- (iii) Indian Copyright Act
- (iv) Digital Millennium Copyright Act (US)

Codes:

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

29. Identify the odd one out.

- (A) Bluetooth
- (B) RFID
- (C) VSAT
- (D) Wi-Fi

30. Where a committee is vested with authority and undertakes one or all of the managerial functions, it is known as

- (A) Splintered authority
- (B) Plural executive
- (C) Line and staff authority
- (D) Functional authority

31. Identify the correct statement from the following:

- (i) In Uniterm indexing system, documents are recorded in Numerical File according to the system known as terminal digit posting.
- (ii) Main activities of TREC are divided into Routing and Tracks.
- (iii) Recall and precision tend to vary inversely in searching.
- (iv) Role, Links and Weighting are used for the elimination of false drops in post-coordinate indexing system.

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

32. Match the following:

List I

List II

- | | |
|---------------------------------|--|
| (a) Cross disciplinary Research | (i) Subject under research is approached by using concepts or methods that were originally developed by one discipline, but are now used by several other disciplines. |
| (b) Multidisciplinary Research | (ii) Subject under research is approached by collaborating different disciplines together, but maintaining separation of their disciplines in that process, to address the research problem from each of their perspectives. |
| (c) Interdisciplinary Research | (iii) Subject under research is approached by explaining aspects of one discipline in terms of another discipline. |
| (d) Transdisciplinary Research | (iv) Subject under research is approached by integrating different disciplinary perspectives and thus creating its own theoretical, conceptual and methodological identity. |

Codes:

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

33. Know-how information is

- (A) More scientifically oriented.
- (B) More technically oriented.
- (C) More operationally oriented.
- (D) Both (B) and (C)

34. Which one among the following is *not* in a MARC record format?

- (A) Content designation
- (B) Data content of the record
- (C) Information exchange format
- (D) Record structure

35. The upcoming National Virtual Library of India portal is dedicated to

- (A) Sardar Vallabhbhai Patel
- (B) M. K. Gandhi
- (C) Dr. Syama Prasad Mookerjee
- (D) Atal Bihari Vajpayee

36. Benchmarking is the process of

- (A) Identifying the best practices.
- (B) Measuring system capacity.
- (C) Improving customer satisfaction.
- (D) Developing improvement checklist and check-forms.

37. Which of the following is *not* related to Linked Open Data?

- (A) RDF
- (B) XML
- (C) URI
- (D) Z39.50

38. Arrange the following century old libraries in West Bengal in order of their date of establishment:

- (i) Bandhab Library
- (ii) Bagbazar Reading Library
- (iii) Bangiya Sahitya Parisad Library
- (iv) Rajnarayan Basu Smriti Pathagar

Codes:

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

39. Match the following:

List I

List II

- | | |
|-------------------|--------------------|
| (a) Agglomeration | (i) Demography |
| (b) Cluster | (ii) Bibliometrics |
| (c) Distillation | (iii) Humanities |
| (d) Fusion | (iv) Indology |

Codes:

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

40. A short profile of Academies and Museums in UK can be found from the

- (A) Europa Yearbook
- (B) Commonwealth Universities Handbook
- (C) World of Learning
- (D) Statesman's Yearbook

41. Which one among the following biological enemies of library materials is characteristically different from the others?

- (A) Cockroaches
- (B) Fungi
- (C) Silverfish
- (D) Termites

42. MARC 21, developed by Library of congress, is a family of _____ coordinated standards.

- (A) three
- (B) four
- (C) five
- (D) six

43. Match the following:

List I

List II

- | | |
|-------------------------|--------------------------------|
| (a) Lexical Variants | (i) Gerard Salton |
| (b) Double Entry System | (ii) Syntax |
| (c) SMART | (iii) Equivalence Relationship |
| (d) Role operators | (iv) J. Kaiser |

Codes:

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

44. A survey design that collects consensus opinions of panel of experts and judgements is known as

- (A) Historical Method
- (B) Case Study Method
- (C) Delphi Method
- (D) Interview Method

45. According to AACR2R, the cataloguer has to make an added entry under the title proper of every item entered under

- (i) a corporate heading
- (ii) a personal heading
- (iii) a parallel title
- (iv) a uniform title

Codes:

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

46. The phrase “Nothing before something” is a way of describing _____ filing.

- (A) alphanumeric
- (B) letter by letter
- (C) numeric
- (D) word by word

47. InfoLit Global is an international information literacy initiative of

- (A) IFLA
- (B) UNESCO
- (C) UNESCO-IFLA
- (D) International Alliance for Information Literacy

48. Supreme policy-making body of RRRLF is called the

- (A) Foundation
- (B) Executive Council
- (C) Administrative Committee
- (D) Advisory Committee

49. Match the following:

- | <i>List I</i> | <i>List II</i> |
|--------------------------------------|---------------------------|
| (a) Library of Congress | (i) Classify |
| (b) Bibliothèque nationale de France | (ii) SINDBAD |
| (c) OCLC | (iii) Cataloger's Desktop |
| (d) NISO | (iv) SUSHI |

Codes:

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

50. Match the following:

- | <i>List I</i> | <i>List II</i> |
|----------------------------------|------------------------|
| (a) "Die Brücke"
(The Bridge) | (i) Vannevar Bush |
| (b) Statistical Machine | (ii) Wilhelm Ostwald |
| (c) World Brain | (iii) Emanuel Goldberg |
| (d) Memex | (iv) H. G. Wells |

Codes:

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

1917-II

X-12

ROUGH WORK