



Paper : II

Subject : LIBRARY AND INFORMATION SCIENCE

Subject Code : 13

Roll No.

Roll No. form with 8 empty boxes

(Figures as per admission card)

OMR Sheet No. : _____

BOOKLET SERIAL NO.

Name & Signature of Invigilator/s

Signature : _____

Name : _____

Time : 2 Hours

Maximum Marks : 200

Number of Pages in this Booklet : 24

Number of Questions in this Booklet : 100

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

- 1. ಈ ಪುಟದ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಒದಗಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ನಿಮ್ಮ ರೋಲ್ ನಂಬರನ್ನು ಬರೆಯಿರಿ.
2. ಈ ಪತ್ರಿಕೆಯು ಬಹು ಆಯ್ಕೆ ವಿಧದ ನೂರು (100) ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದೆ.
3. ಪರೀಕ್ಷೆಯ ಪ್ರಾರಂಭದಲ್ಲಿ ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯನ್ನು ನಿಮಗೆ ನೀಡಲಾಗುವುದು. ಮೊದಲ 5 ನಿಮಿಷಗಳಲ್ಲಿ ನೀವು ಪುಸ್ತಿಕೆಯನ್ನು ತೆರೆಯಲು ಮತ್ತು ಕೆಳಗಿನಂತೆ ಕಡ್ಡಾಯವಾಗಿ ಪರೀಕ್ಷಿಸಲು ಕೋರಲಾಗಿದೆ.
(i) ಪ್ರಶ್ನೆಪುಸ್ತಿಕೆಗೆ ಪ್ರವೇಶವನ್ನು ಪಡೆಯಲು, ಈ ಹೊದಿಕೆ ಪುಟದ ಅಂಚಿನ ಮೇಲಿರುವ ಪೇಪರ್ ಸೀಲನ್ನು ಹರಿಯಿರಿ. ಸ್ವಿಕ್ಚರ್ ಸೀಲ್ ಇಲ್ಲದ ಅಥವಾ ತೆರೆದ ಪುಸ್ತಿಕೆಯನ್ನು ಸ್ವೀಕರಿಸಬೇಡಿ.
(ii) ಪುಸ್ತಿಕೆಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ ಮತ್ತು ಪುಟಗಳ ಸಂಖ್ಯೆಯನ್ನು ಮುಖಪುಟದ ಮೇಲೆ ಮುದ್ರಿಸಿದ ಮಾಹಿತಿಯೊಂದಿಗೆ ತಾಳಿ ನೋಡಿರಿ. ಪುಟಗಳು/ಪ್ರಶ್ನೆಗಳು ಕಾಣೆಯಾದ ಅಥವಾ ದ್ವಿಪ್ರತಿ ಅಥವಾ ಅನುಕ್ರಮವಾಗಿದ್ದರೆ ಅಥವಾ ಇತರ ಯಾವುದೇ ವ್ಯತ್ಯಾಸದ ದೋಷಪೂರಿತ ಪುಸ್ತಿಕೆಯನ್ನು ಕೂಡಲೆ 5 ನಿಮಿಷದ ಅವಧಿ ಒಳಗೆ, ಸಂವೀಕ್ಷಕರಿಂದ ಸರಿ ಇರುವ ಪುಸ್ತಿಕೆಗೆ ಬದಲಾಯಿಸಿಕೊಳ್ಳಬೇಕು. ಆ ಬಳಿಕ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಬದಲಾಯಿಸಲಾಗುವುದಿಲ್ಲ, ಯಾವುದೇ ಹೆಚ್ಚು ಸಮಯವನ್ನೂ ಕೊಡಲಾಗುವುದಿಲ್ಲ.
4. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೂ (A), (B), (C) ಮತ್ತು (D) ಎಂದು ಗುರುತಿಸಿದ ನಾಲ್ಕು ಪರ್ಯಾಯ ಉತ್ತರಗಳಿವೆ. ನೀವು ಪ್ರಶ್ನೆಯ ಎದುರು ಸರಿಯಾದ ಉತ್ತರದ ಮೇಲೆ, ಕೆಳಗೆ ಕಾಣಿಸಿದಂತೆ ಅಂಡಾಕೃತಿಯನ್ನು ಕಪ್ಪಾಗಿಸಬೇಕು.
ಉದಾಹರಣೆ : (A) (B) (C) (D)
(C) ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದಾಗ.
5. ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಜೊತೆಯಲ್ಲಿ ಕೊಟ್ಟಿರುವ OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ನಿಮ್ಮ ಉತ್ತರಗಳನ್ನು ಸೂಚಿಸತಕ್ಕದ್ದು. OMR ಹಾಳೆಯಲ್ಲಿ ಅಂಡಾಕೃತಿಯಿಲ್ಲದ ಬೇರೆ ಯಾವುದೇ ಸ್ಥಳದಲ್ಲಿ ಉತ್ತರವನ್ನು ಗುರುತಿಸಿದರೆ, ಅದರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.
6. OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಕೊಟ್ಟ ಸೂಚನೆಗಳನ್ನು ಜಾಗರೂಕತೆಯಿಂದ ಓದಿರಿ.
7. ಎಲ್ಲಾ ಕರಡು ಕೆಲಸವನ್ನು ಪುಸ್ತಿಕೆಯ ಕೊನೆಯಲ್ಲಿ ಮಾಡತಕ್ಕದ್ದು.
8. ನಿಮ್ಮ ಗುರುತನ್ನು ಬಹಿರಂಗಪಡಿಸಬಹುದಾದ ನಿಮ್ಮ ಹೆಸರು ಅಥವಾ ಯಾವುದೇ ಚಿಹ್ನೆಯನ್ನು, ಸಂಗತವಾದ ಸ್ಥಳ ಹೊರತು ಪಡಿಸಿ, OMR ಉತ್ತರ ಹಾಳೆಯ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ಬರೆದರೆ, ನೀವು ಅನರ್ಹತೆಗೆ ಬಾಧ್ಯರಾಗುತ್ತೀರಿ.
9. ಪರೀಕ್ಷೆಯು ಮುಗಿದನಂತರ, ಕಡ್ಡಾಯವಾಗಿ OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ಸಂವೀಕ್ಷಕರಿಗೆ ನೀವು ಹಿಂತಿರುಗಿಸಬೇಕು ಮತ್ತು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಹೊರಗೆ OMRನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ಕೊಂಡೊಯ್ಯಕೂಡದು.
10. ಪರೀಕ್ಷೆಯ ನಂತರ, ಪರೀಕ್ಷಾ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಮತ್ತು ನಕಲು OMR ಉತ್ತರ ಹಾಳೆಯನ್ನು ನಿಮ್ಮೊಂದಿಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
11. ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರವೇ ಉಪಯೋಗಿಸಿರಿ.
12. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಎಡ್ಜ್ ನಾನ್ ಉಪಕರಣ ಅಥವಾ ಲಾಗ್ ಟೇಬಲ್ ಇತ್ಯಾದಿಯ ಉಪಯೋಗವನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
13. ಸರಿ ಅಲ್ಲದ ಉತ್ತರಗಳಿಗೆ ಋಣ ಅಂಕ ಇರುವುದಿಲ್ಲ.
14. ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಗಳಲ್ಲಿ ಯಾವುದೇ ರೀತಿಯ ವ್ಯತ್ಯಾಸಗಳ ಕಂಡುಬಂದಲ್ಲಿ, ಇಂಗ್ಲೀಷ್ ಆವೃತ್ತಿಗಳಲ್ಲಿರುವುದೇ ಅಂತಿಮವೆಂದು ಪರಿಗಣಿಸಬೇಕು.

Instructions for the Candidates

- 1. Write your roll number in the space provided on the top of this page.
2. This paper consists of Hundred multiple-choice type of questions.
3. At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and compulsorily examine it as below :
(i) To have access to the Question Booklet, tear off the paper seal on the edge of the cover page. Do not accept a booklet without sticker seal or open booklet.
(ii) Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy 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.
4. Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.
Example : (A) (B) (C) (D)
where (C) is the correct response.
5. Your responses to the questions are to be indicated in the OMR Sheet kept inside this Booklet. If you mark at any place other than in the circles in the OMR Sheet, it will not be evaluated.
6. Read the instructions given in OMR carefully.
7. Rough Work is to be done in the end of this booklet.
8. If you write your name or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
9. You have to return the OMR Answer Sheet to the invigilators at the end of the examination compulsorily and must NOT carry it with you outside the Examination Hall.
10. You can take away question booklet and carbon copy of OMR Answer Sheet after the examination.
11. Use only Blue/Black Ball point pen.
12. Use of any calculator, electronic gadgets or log table etc., is prohibited.
13. There is no negative marks for incorrect answers.
14. In case of any discrepancy found in the Kannada translation of a question booklet the question in English version shall be taken as final.

**LIBRARY AND INFORMATION SCIENCE****Paper – II**

Note : This paper contains **hundred (100)** objective type questions. **Each** question carries **two (2)** marks. **All** questions are **compulsory**.

1. The ICCP Conference was held at Paris during the year
(A) 1960
(B) 1961
(C) 1962
(D) 1965
2. Name the professional who has introduced the ACTS approach for the location of documents in the library.
(A) S. R. Ranganathan
(B) B. S. Keshavan
(C) P. N. Kaula
(D) Melvil Dewey
3. The differential 'Price Rate System' was introduced by
(A) F. W. Taylor
(B) Henri Fayol
(C) S. R. Ranganathan
(D) P. N. Kaula
4. The Headquarter of RRRLF is located at
(A) New Delhi
(B) Mumbai
(C) Chennai
(D) Kolkata
5. Who defined 'notation as shorthand sign' ?
(A) Melvil Dewey
(B) S. R. Ranganathan
(C) B. C. Richard
(D) J. D. Brown
6. 'Pi' the e-book reader introduced by
(A) Amazon
(B) Sony
(C) Infibeans
(D) Samsung
7. The Shannon and Weaver model of communication related to
(A) Computer
(B) Statistics
(C) Mathematical
(D) Mathematical and Statistics
8. The UBC and UAP programmes are designed and developed by
(A) ALA
(B) UNESCO
(C) IFLA
(D) ASLIB



9. The symbols '&', +, =, * are added in which edition of CC ?
- (A) 1st edition
(B) 6th edition
(C) 5th edition
(D) 7th edition
10. How many columns are there in the Accession Register ?
- (A) 12 (B) 14
(C) 16 (D) 18
11. Which type of protocol is used as interface for Public Data Network (PDN) ?
- (A) X . 10
(B) X . 25
(C) X . 30
(D) X . 39
12. PLONE is a
- (A) LMS
(B) ILMS
(C) CMS
(D) RMS
13. In which type of catalogue, author entries form part of the alphabetical index ?
- (A) Book catalogue
(B) Classified catalogue
(C) Author catalogue
(D) Title catalogue
14. The catalogue which represents the entries of records of a group of libraries is called
- (A) Union catalogue
(B) Dictionary catalogue
(C) Classified catalogue
(D) Co-operative catalogue
15. The Dummy System of Circulation is made up of
- (A) Steel (B) Iron
(C) Paper (D) Wood
16. The library record which is used in maintaining basic information about books purchased in library is called
- (A) Day Book
(B) Accession Register
(C) Shelf List
(D) Library Catalogue
17. Books are for a 'chosen few' is replaced by which law of library science ?
- (A) First Law
(B) Second Law
(C) Third Law
(D) Fourth Law
18. The project Guttenberg is initiated by
- (A) Bill Gates
(B) Mark Zuckerberg
(C) E. J. Coates
(D) Michael S. Hart



19. The sampling technique in which each sample has an equal probability of being chosen by research analysis and tabulation is called
- (A) Stratified sampling
 - (B) Convenient sampling
 - (C) Random sampling
 - (D) Popular sampling
20. The MARC 21 Field 856 is associated with
- (A) Holding institution
 - (B) Physical holding
 - (C) Physical location and access
 - (D) Electronic location and access
21. The first edition of CCF was published in 1984 under the editorship of
- (A) Peter Simmons and Alan Hopkins
 - (B) Derek Austin and Samuel Rothstein
 - (C) C. M. Winchell and Daniel Brophy
 - (D) James I Wyer and H. P. Luhn
22. Name the author of the children's encyclopedia 'Bala Prapancha'.
- (A) D. R. Bendre
 - (B) H. M. Nayak
 - (C) S. L. Bhyrappa
 - (D) Shivarama Karantha
23. Which of the following gives complete control over the cross references of an index to the indexer ?
- (A) See cross reference
 - (B) Check also cross reference
 - (C) Inverted cross reference
 - (D) See also cross reference
24. 'Linked In' is an example for
- (A) Interpersonal communication
 - (B) Intrapersonal communication
 - (C) Group communication
 - (D) Mass communication
25. Which ISBN element identifies a particular country, geographical region or language area ?
- (A) Registrant element
 - (B) Publication element
 - (C) Registration group element
 - (D) Prefix element
26. Who introduced the idea of Light Fidelity (Li – Fi) technology in 2011 ?
- (A) John O' Sullivan
 - (B) Harald Haas
 - (C) Terence Percival
 - (D) Graham Daniels



27. 'Academia' is an example of
- (A) Social Bookmarking Site
 - (B) Social Networking Site
 - (C) Academic Social Networking Site
 - (D) Podcast Site
28. In computer terminology, error in a program is known as
- (A) Bus
 - (B) Bug
 - (C) Virus
 - (D) Error
29. Which of the following online citation tool provide Web 2.0 features like blogging, tagging, posting, importing, exporting, RSS feeds etc. ?
- (A) Easylib
 - (B) Bibme
 - (C) Ottobib
 - (D) CiteULike
30. The tag 100 in CCF is for
- (A) CODEN
 - (B) ISSN
 - (C) ISBN
 - (D) DOI

31. Which of the following states enacted the Public Libraries Act in the year 1993 ?
- a. Karnataka
 - b. Kerala
 - c. Goa
 - d. Mizoram

Codes :

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

32. The term ' Management' is defined as
- a. Art
 - b. Science
 - c. Technique
 - d. Skill

Codes :

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



33. Library catalogue is considered in the library as

- a. Mirror of a library
- b. Collection of a library
- c. Resources of a library
- d. Key to its collection

Codes :

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

34. The headquarters of ILA and IASLIC are located at

- a. Delhi
- b. Chennai
- c. Kolkata
- d. Bangalore

Codes :

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

35. Which one of the following indexing systems are developed by an Indian ?

- a. Uniterm indexing
- b. PRECIS
- c. POPSI
- d. Chain indexing

Codes :

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

36. Haus Peter Luhn's name is associated with

- a. Citation indexing
- b. KWIC indexing
- c. KWOC indexing
- d. SDI

Codes :

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



37. _____ and _____ are maintaining 'Worldcat' and 'Indcat' respectively.

- a. OCLC
- b. CILIP
- c. RLIN
- d. INFLIBNET

Codes :

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

38. Hypothesis : 'Library ambience influences user behaviour and user satisfaction.'

Identify the dependent variables.

- a. Library ambience
- b. User behaviour
- c. User satisfaction
- d. Influence

Codes :

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

39. Which of the following protocols belong to application layer of TCP/IP reference model ?

- a. HTTP
- b. SMTP
- c. FTP
- d. UUCP

Codes :

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

40. 'One Place Theory' and 'Literary Warrant' were propounded by _____ and _____ respectively.

- a. J. D. Brown
- b. E. C. Richardson
- c. E. W. Hulme
- d. W. C. B. Sayers

Codes :

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

41. Identify the services not offered by INFLIBNET :

- a. Shodhvigyan
- b. Shodh Sindhu
- c. Shodh Shudhi
- d. Shodh Mitra

Codes :

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



42. Which of the following are the built in functions provided by SQL ?

- a. COUNT
- b. SUM
- c. NAME
- d. AVG

Codes :

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

43. SQL can be used to

- a. Create database structure
- b. Search engine operation
- c. Search Entry optimization
- d. Modify database

Codes :

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

44. Which of the following are not CMS ?

- a. Drupal
- b. Magento
- c. SAP
- d. SQL

Codes :

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

45. LINUX is a

- a. Single user OS
- b. Multi user OS
- c. Multi functional OS
- d. Single functional OS

Codes :

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

46. The father of modern management and father of scientific management are

- a. Henri Fayol
- b. Luther Gulick
- c. Peter Drucker
- d. F. W. Taylor

Codes :

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

47. Which of the following are not a Boolean Operator ?

- a. Near
- b. *
- c. AND
- d. OR

Codes :

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



48. Traditional Knowledge Digital Library (TKDL) is a collaborative project between ____ and ____.

- a. Indian Council of Agricultural Research (ICAR).
- b. Council of Scientific and Industrial Research (CSIR).
- c. Ministry of AYUSH.
- d. Indian Council of Social Science Research (ICSSR)

Codes :

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

49. W. B. C. Sayers was a

- a. Teacher of S. R. Ranganathan
- b. Librarian and teacher
- c. First librarian of library of Congress
- d. First librarian of British library

Codes :

- (A) Both a and b are false
- (B) Both a and b are true
- (C) a is false b is true
- (D) a is true b is false

50. The study of quantitative aspect of Internet and Website as a whole

- a. Bibliometrics
- b. Cybermetrics
- c. Webometrics
- d. Scientometrics

Codes :

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

51. Match the following :

List – I (MARC 21 Tag)	List – II (Description)
a. 020	i. Publisher Number
b. 028	ii. Key title
c. 080	iii. ISBN
d. 222	iv. DDC number

Codes :

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



52. Match the following :

List – I**List – II**

- | | |
|------------------------|--------------------------|
| a. Central
Tendency | i. Standard
Deviation |
| b. Dispersion | ii. Covariance |
| c. Time series | iii. Mean |
| d. Relationship | iv. Secular Trend |

Codes :

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

53. Match the following :

List – I**List – II**

- | | |
|--------------|----------------|
| a. NISCAIR | i. Vienna |
| b. INFLIBNET | ii. Ohio |
| c. OCLC | iii. New Delhi |
| d. INIS | iv. Ahmedabad |

Codes :

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

54. Match the following :

List – I**List – II**

- | | |
|--|--|
| a. Big-6 model | i. Christine Bruce |
| b. Information
search
process model | ii. Mike Eisenberg
and Bob
Berkowitz |
| c. Seven pillars
of information
literacy | iii. Carol Kulthau |
| d. Seven faces
of information
literacy | iv. SCONUL |

Codes :

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

55. Match the following :

List – I**List – II**

- | | |
|--|--|
| a. Kittel's
Kannada English
Dictionary | i. Central
Reference
Library, Kolkata |
| b. India 2019 : A
reference
annual | ii. Clarendon Press,
Oxford |
| c. Indian
National
Bibliography | iii. Basel Mission,
Mangalore |
| d. Imperial
Gazetteer of
India, Ed. 1 | iv. Ministry of
Information and
Broadcasting,
New Delhi |

Codes :

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



56. Match the following :

List – I	List – II
(Consortium)	(Year)
a. National Knowledge Resource Consortium	i. 2003
b. The Ministry of Communication and Information Technology Consortium	ii. 2009
c. The Department of Atomic Energy Consortium	iii. 2005
d. Electronic Resources in Medicine Consortium	iv. 2008

Codes :

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

57. Match the following :

List – I	List – II
a. Google Inc.	i. David Filo and Jerry Yang
b. Yahoo Inc.	ii. Stevew Paul Jobs
c. Apple Inc.	iii. Charles Geschke
d. Adobe Inc.	iv. Larry Page and Sergey Brin

Codes :

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

58. Match the following :

List – I	List – II
a. Twitter	i. Thomas Anderson
b. Digg	ii. Caterina Fake
c. Myspace	iii. Jock Dorsey
d. Flicker	iv. Kevin Rose

Codes :

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



59. Match the following Internet Standard numbers and protocols :

- | List – I
(Internet Standard Number) | List – II
(Protocol) |
|--|---------------------------------------|
| a. RC 791 | i. File Transfer Protocol |
| b. RC 793 | ii. Point to Point Protocol |
| c. RC 959 | iii. Internet Protocol |
| d. RC 1661 | iv. Transmission Control Protocol |

Codes :

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

60. Match the following punctuation and purpose of the ANSI/NISO 239.71 holdings display :

- | List – I | List – II |
|------------------|--|
| a. Comma | i. Separates alternative numbering |
| b. Equal Sign | ii. Indicate unknown digits of a data |
| c. Question mark | iii. Indicates a non gap break |
| d. Semi colon | iv. Separates hierarchical levels of enumeration and/or chronology |

Codes :

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



61. Match the following :

List – I	List – II
a. XML	i. Joe Becker
b. METS	ii. Defence Organization
c. UNICODE	iii. W3C
d. Cryptography	iv. Library of Congress

Codes :

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

62. Match the following characteristics of DBMS with respective activity :

List – I	List – II
a. Reduction of redundancy	i. Encryption
b. Data sharing	ii. Centralised Control
c. Data integrity	iii. No. of application programs
d. Data security	iv. Accurate and consistent data

Codes :

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

63. Match the following protocols :

List – I	List – II
a. Internet Message Access Protocol V4 (IMA P4)	i. 563
b. Lightweight Directory Access Protocol (LDAP)	ii. 636
c. Network News Transport Protocol (NNTP)	iii. 993
d. Post office Protocol V ₃ (PoP ₃)	iv. 995

Codes :

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

64. Match the following :

List – I	List – II
a. Dublin Core	i. Successor to AACR – 2
b. METS	ii. Metadata Standard
c. MODS	iii. Metadata Encoding
d. RDA	iv. MARC compatible XML Schema

Codes :

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



65. Match the following :

List – I**List – II**

- | | |
|---------------------|--------------------------------|
| a. Current Contents | i. Document Delivery service |
| b. E-mail queries | ii. Analysis and consolidation |
| c. Ingenta connet | iii. Alerting service |
| d. Trend Reports | iv. Virtual reference service |

Codes :

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

66. Match the following wireless networking technologies :

**List – I
(Technology)****List – II
(Speed)**

- | | |
|--------------------------|-----------------|
| a. Li – Fi | i. ~ 4 MbPs |
| b. Wi – Fi (IEEE820.11n) | ii. ~ 1 GbPs |
| c. IrDA | iii. ~ 150 MbPs |
| d. Bluetooth | iv. ~ 3 MbPs |

Codes :

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

67. Match the following :

**List – I
(States)****List – II
(Year of
Enactment)**

- | | |
|--------------|-----------|
| a. Karnataka | i. 1993 |
| b. Kerala | ii. 1988 |
| c. Manipur | iii. 1989 |
| d. Mizoram | iv. 1965 |

Codes :

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

68. Match the following :

**List – I
(Association)****List – II
(Year of
Establishment)**

- | | |
|-----------|-----------|
| a. ALA | i. 1955 |
| b. LA | ii. 1933 |
| c. SLA | iii. 1877 |
| d. IASLIC | iv. 1876 |

Codes :

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



69. Match the following :

List – I (Places)	List – II (Name of the library)
a. Washington DC	i. National Bibliotheque
b. London	ii. Library of Congress
c. MOSCOW	iii. British Museum Library
d. Paris	iv. Lenin Library

Codes :

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

70. Match the following :

List – I	List – II
a. Alternative Hypothesis	i. β
b. Null Hypothesis	ii. H_1
c. Error type I	iii. H_0
d. Error type II	iv. α

Codes :

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

71. Match the following levels of plagiarism and penalties in the case of plagiarism shall be imposed on students as per the UGC (Promotion of Academic Integrity and Prevention of Plagiarism in higher educational institutions) regulations 2018 :

List – I (Level)	List – II (Penalty)
a. Level 0	i. Student shall be debarred from submitting a revised script for a period of one year
b. Level 1	ii. No penalty
c. Level 2	iii. Student shall be asked to submit a revised script with in a stipulated time period not exceeding 6 months
d. Level 3	iv. Student registration for that programme shall be cancelled

Codes :

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



72. Match the following :

- | List – I | List – II |
|---|--------------------------|
| (Book) | (Author) |
| a. Information Theory | i. Joan M. Reitz |
| b. Dictionary for Library and Information Science | ii. Y. F. Young |
| c. Harrod’s Librarian Glossary | iii. J. K. Gates |
| d. Introduction to Librarianship | iv. Raymond J. Prytherch |

Codes :

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

73. Match the following :

- | List – I | List – II |
|-----------------------------|---|
| (Author) | (Contribution) |
| a. A. C. Foskett | i. Theory X and Theory Y |
| b. Beesman | ii. Information Transfer |
| c. Douglas Murray Mc Gregor | iii. Invisible College |
| d. Carl Savage | iv. The Subject approach to information |

Codes :

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

74. Match the following :

- | List – I | List – II |
|-------------------|-----------------------------------|
| (Protocol) | (Author) |
| a. TCP | i. W. Simpson |
| b. PPP | ii. D. Harrington and W. Hardaker |
| c. SNMP | iii. Abhay Bhushan |
| d. FTP | iv. J. Postel |

Codes :

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



75. Match the following :

List – I

a. INIS

b. INFOTERRA

c. ASTINFO

d. BIOSIS
Preview**List – II**i. Life Science
Information
Systemii. Science and
Technology
Information
Systemiii. Environment
Information
Systemiv. Nuclear
Information
System**Codes :**

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

76. **Assertion (A)** : The principles of management are generalisations based on experience and careful analysis of case studies. But, these principles are very rigid and require adoption of these results of the careful analysis and case studies.

Reason (R) : Knowledge Management (KM) is the process through which organizations generate value from intellectual and knowledge based assets. In these circumstances, the Indian University Libraries are building knowledge based Information System.

Codes :

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

77. **Assertion (A)** : Digital library is a library which consists of both born and digitized resources. Further, digital library may also include library consortia resources, subscription resources including institution's scholarly communication.

Reason (R) : The design and development of a library requires a standard hardware and software. It is good to note that digital libraries in India are following uniform standard software for development of institutional repositories.

Codes :

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

78. **Assertion (A)** : Like other forms of property, intellectual property is also an asset which can be bought, sold, exchanged or gratuitously given away. But, owners of intellectual property do not have the right to prevent the unauthorized use or sale of their property.

Reason (R) : Any inventor of an intellectual property should respect their country's law of the land with in the frame work/regulations given by WIPO.

Codes :

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



79. Assertion (A) : The objective or function of the early catalogue was to serve as an inventory list with progressive pattern of management. From this arose a wide variety of approaches and an expansion of the inventory idea to include retrieval.

Reason (R) : The modern library catalogue serves both the inventory and retrieval function without cataloguing, it would be difficult for any one to know what is in the library collection.

Codes :

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

80. Assertion (A) : Classification means putting together the like entities and separating the unlike entities. But, the characteristics of entities are not used as a basis for determining the likeness and unlikeness between them.

Reason (R) : Library classification is a system of coding and organizing the library documents according to their subject. But it does not provide formal access to document in a library.

Codes :

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

81. Assertion (A) : Plagiarism is the use or close imitation of the language and ideas of another authors and representation of them as one's own original words.

Reason (R) : The author(s) are intentional or accidental, is not considered academic and scientific misconduct.

Codes :

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

82. Assertion (A) : Doing any kind of research work is a lonely experience. Sometimes it looks like, that the research doing the research and his/her supervisor is the only two persons in this world who are interested in the particular subject.

Reason (R) : So, keeping in mind the above statement, the research scholar should not try to discuss about their research with professional colleagues in any forms and platforms.

Codes :

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



83. Assertion (A) : Effective manpower planning is not crucial job in the library system. It should not consider both the existing staff as well as new professionals to be recruited.

Reason (R) : An effective manpower planning should be made for the human resources management at the institutional level itself so that at the planning stage itself the library system have a well defined, well structured and realistic manpower policy.

Codes :

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

84. Assertion (A) : RSS is a web feed which allows users and applications to access updates to websites in a standardized computer readable format.

Reason (R) : RSS feed is a aggregation tool to gather information from diverse sources across the web.

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

85. Assertion (A) : Standard deviation is a widely used to measure the variability in statistics and probability theory.

Reason (R) : The Statistical Package for Social Sciences (SPSS) is the only software which provides exact standard deviation for different variables.

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

86. Assertion (A) : TQM means doing right things right, every time. The ultimate aim is to satisfy the customers.

Reason (R) : High degree of customer satisfaction can be achieved through good customer service rather than ensuring high quality in product production.

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



87. Assertion (A) : Immediate availability of research results and free access to scholarly literature has led to popularity of open access journals.

Reason (R) : Publishing open access journals increases visibility of publications and ensures quality of publications.

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

88. Assertion (A) : Reference service is mainly concerned with direct personal assistance to the user who is seeking informations.

Reason (R) : Reference service deals with providing answers to fact finding questions.

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

89. Assertion (A) : In 21st century abundance of digital information is leading to paperless society.

Reason (R) : Access to digital information on $24 \times 7 \times 365/366$ basis from the remote place has resulted in reduced number of visitors who are physically visiting the library.

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

90. Assertion (A) : There are two types of controlled indexing languages, alphabetical indexing languages and classification schemes.

Reason (R) : In natural indexing language, only approved terms can be used by the indexer to describe the document.

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



91. Assertion (A) : The role of library professionals is to mediate between the users and the information resources.

Reason (R) : A good librarian should have teamwork, skills and interpersonal skills.

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

92. Assertion (A) : Antivirus software typically runs as a background process, scanning computers, servers or mobile devices to detect and restrict the spread of malware.

Reason (R) : Antivirus programs depend on stored virus signatures, unique strings of data that are characteristics of known malware.

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

93. Assertion (A) : The primary objective of any library, irrespective of its size, is to meet the information requirements of its users.

Reason (R) : User satisfaction becomes the ultimate goal of any library.

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

94. Assertion (A) : Intrusion detection systems and intrusion prevention systems are both important parts of network integrity.

Reason (R) : A network intrusion detection system lives on and monitors a single host (such as a computer or device).

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



95. Assertion (A) : A firewall is a network security device (software based).

Reason (R) : A firewall establishes a barrier between secured internal networks and outside untrusted network.

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

Read the following passage carefully and answer the questions based on your understanding (Q. 96 –100).

Information and communication technology has brought drastic changes in the services of academic libraries in the 21st century. Information and communication technology has made in roads to services of academic libraries. Users expect quick and instant access to information. Hence, the academic libraries are deeply interested in different channels for the transmission of information, such as telephones and telephone lines, cellular networks, cable television and the Internet. Academic libraries are challenged in satisfying their customer's needs since their target

market (researchers, lecturers, undergraduate and postgraduate students) is demanding and dynamic. The Internet and World Wide Web (www) have made it possible for university teachers, researchers and students to locate what they need without going to the library. If librarians in this sector are to continue to make substantial contributions as information disseminators, they will have to understand and exploit ICT infrastructure and emerging technologies in delivering services to their clientele. According to Terplan "telephones and e-mail are important tools to facilitate prompt handling and response to the stream of patron questions from within and out of the library user community. Most university libraries have one phone line, which is mostly used for administrative purposes and located in the library administrator's office. Mobile phones could be deployed at the enquiring desks." Short Message Services (SMS) or text facilities available on all mobile phones, could be used to create awareness amongst the academic library clientele about upcoming events and new arrivals. This could be flashed through a facility called "broadcast" where one text message is sent to all the library contacts listed in the address book on the mobile phone at once. Academic libraries need



to keep abreast of the dynamically changing needs of their clientele. The main advantages are: It is user friendly and has mobility plus time saving and provides limitless Access. The limitations are: Content ownership and licensing; limited memory of mobile, lack of staff awareness and familiarity – setting up text alerts, for instance, requires – technical expertise from staff who understand how the library management system produces notifications, as well as staff or consultants who can help to set up an interface with a sim card modem or a suitable service in order to deliver those notifications as text alerts and dearth of technological expert.

- 96.** The academic libraries in the digital era are largely influenced by
- (A) Xeroxing Technology
 - (B) Mobile Technology
 - (C) Reprographic Technology
 - (D) Documentation Services
- 97.** The main advantage of mobile technology is that it
- (A) Increases user inflow
 - (B) Enhances customer delight
 - (C) Saves time
 - (D) Hampers Library use

- 98.** The main drawback of using mobiles for providing academic library services is
- (A) Needs more networks
 - (B) Down sizing of library staff
 - (C) Data storage is low
 - (D) Limited memory
- 99.** Which of the following services are based on mobile technology ?
- (A) SDI service
 - (B) Extension service
 - (C) Reference service
 - (D) SMS alerting service
- 100.** University library users are able to locate information without going to the library because of
- (A) World Wide Web
 - (B) Information Decoding
 - (C) Assistive Technologies
 - (D) Cable Devises



Space for Rough Work