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FOR KSET PREPARATION

KSET 2023 Library and Information Science Question Paper

EXAM	YEAR	TYPE
KSET	2023	Question Paper

K-SET

ಕ್ರಮ ಸಂಖ್ಯೆ 379921

ವರ್ಷನ್ ಸಂಕೇತ

A1

ಸ್ಪರ್ಧಾತ್ಮಕ ಪರೀಕ್ಷೆ- 2023

ಪತ್ರಿಕೆ – II

ವಿಷಯ: ಗ್ರಂಥಾಲಯ ಹಾಗೂ ಮಾಹಿತಿ ವಿಜ್ಞಾನ ವಿಷಯ ಸಂಕೇತ:13

ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ ಸಂಕೇತ	ಅವಧಿ	ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ	ಗರಿಷ್ಠ ಅಂಕಗಳು	ನಿಮ್ಮ ನೋಂದಣಿ ಸಂಖ್ಯೆಯನ್ನು ನಮೂದಿಸಿ
LIB202313	ಎರಡು ಘಂಟೆಗಳು	100	200	

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

ಮಾಡಿ:

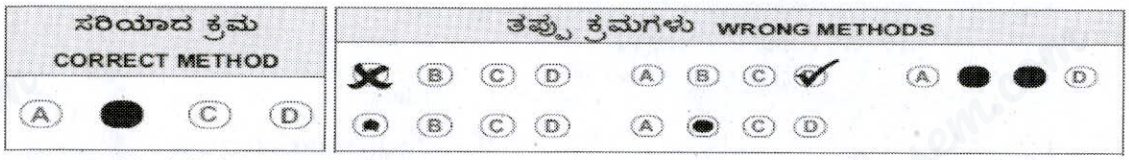
1. ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯನ್ನು ನಿಮಗೆ ಎರಡನೇ ಬೆಲ್ ಆದ ನಂತರ ಕೊಡುತ್ತಾರೆ.
2. ನೊಂದಣಿ ಸಂಖ್ಯೆಯನ್ನು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಬರೆದು ಅದಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ವೃತ್ತಗಳನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬಿದ್ದೀರೆಂದು ಖಾತ್ರಿಪಡಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.
3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ವರ್ಷನ್ ಕೋಡ್ ಅನ್ನು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಬರೆದು ಅದಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ವೃತ್ತಗಳನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬಬೇಕು.
4. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ವರ್ಷನ್ ಕೋಡ್ ಮತ್ತು ಕ್ರಮ ಸಂಖ್ಯೆಯನ್ನು ನಾಮಿನಲ್ ರೋಲ್‌ನಲ್ಲಿ ತಪ್ಪಿಲ್ಲದೆ ಬರೆಯಬೇಕು.
5. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯ ಕೆಳಭಾಗದ ನಿಗದಿತ ಜಾಗದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಸಹಿ ಮಾಡಬೇಕು.

ಮಾಡಬೇಡಿ:

1. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ **ಟೈಮಿಂಗ್** & **ಮಾರ್ಕನ್ನು** ತಿದ್ದಬಾರದು / ಹಾಳುಮಾಡಬಾರದು / ಅಳಿಸಬಾರದು.
2. ಮೂರನೇ ಬೆಲ್ ಆಗುವವರೆಗೂ,
   - ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಬಲಭಾಗದಲ್ಲಿರುವ ಸೀಲ್ ಅನ್ನು ತೆಗೆಯಬಾರದು.
   - ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಒಳಗಡೆ ಇರುವ ಪ್ರಶ್ನೆಗಳನ್ನು ನೋಡಲು ಪ್ರಯತ್ನಿಸಬಾರದು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಉತ್ತರಿಸಲು ಪ್ರಾರಂಭಿಸಬಾರದು.

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಮುಖ್ಯ ಸೂಚನೆಗಳು

1. ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಬಳಸಿರುವ signs and symbols ಗಳನ್ನು, ಬೇರೆ ರೀತಿಯಲ್ಲಿ ಹೇಳದ ಹೊರತು, ನಿಗದಿತ ಪಠ್ಯಪುಸ್ತಕದಲ್ಲಿನ ಅರ್ಥವನ್ನು ಪರಿಗಣಿಸಬೇಕು.
2. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಒಟ್ಟು **100** ಪ್ರಶ್ನೆಗಳಿದ್ದು, ಪ್ರತಿ ಪ್ರಶ್ನೆಗೂ 4 ಬಹು ಆಯ್ಕೆ ಉತ್ತರಗಳು ಇರುತ್ತವೆ. ಪ್ರತಿ ಪ್ರಶ್ನೆಯ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ನಾಲ್ಕು ಬಹು ಆಯ್ಕೆಯ ಉತ್ತರಗಳಲ್ಲಿ ಸರಿಯಾದ ಒಂದು ಉತ್ತರವನ್ನು ಆಯ್ಕೆ ಮಾಡಿ.
3. ಮೂರನೇ ಬೆಲ್ ಆದ ನಂತರ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಬಲಭಾಗದಲ್ಲಿರುವ ಸೀಲ್ ತೆಗೆದು ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಯಾವುದೇ ಪುಟಗಳು ಮುದ್ರಿತವಾಗಿಲ್ಲದೇ ಇರುವುದು ಕಂಡು ಬಂದಲ್ಲಿ ಅಥವಾ ಹರಿದು ಹೋಗಿದ್ದಲ್ಲಿ ಅಥವಾ ಯಾವುದೇ ಅಕ್ಷರಗಳು ಬಿಟ್ಟುಹೋಗಿದ್ದಲ್ಲಿ ಎಂಬುದನ್ನು ಖಚಿತಪಡಿಸಿಕೊಂಡು, ಈ ರೀತಿ ಆಗಿದ್ದರೆ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಬದಲಾಯಿಸಿ ಕೊಳ್ಳುವುದು. ನಂತರ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಉತ್ತರಿಸಲು ಪ್ರಾರಂಭಿಸುವುದು.
4. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿನ ಪ್ರಶ್ನೆಗೆ ಅನುಗುಣವಾಗಿರುವ ಸರಿ ಉತ್ತರವನ್ನು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಅದೇ ಕ್ರಮ ಸಂಖ್ಯೆಯ ಮುಂದೆ ನೀಡಿರುವ ಸಂಬಂಧಿಸಿದ ವೃತ್ತವನ್ನು ನೀಲಿ ಅಥವಾ ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್‌ನಿಂದ ಸಂಪೂರ್ಣ ತುಂಬುವುದು.



5. ಈ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ಸ್ಕ್ಯಾನ್ ಮಾಡುವ ಸ್ಕ್ಯಾನರ್ ಬಹಳ ಸೂಕ್ಷ್ಮವಾಗಿದ್ದು ಸಣ್ಣ ಗುರುತನ್ನು ಸಹ ದಾಖಲಿಸುತ್ತದೆ. ಆದ್ದರಿಂದ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಉತ್ತರಿಸುವಾಗ ಎಚ್ಚರಿಕೆ ವಹಿಸಿ.
6. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಕೊಟ್ಟಿರುವ ಖಾಲಿ ಜಾಗವನ್ನು ರಫ್ ಕೆಲಸಕ್ಕೆ ಉಪಯೋಗಿಸಿ. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ಇದಕ್ಕೆ ಉಪಯೋಗಿಸಬೇಡಿ.
7. **ಕೊನೆಯ ಬೆಲ್ ಆದ ನಂತರ ಉತ್ತರಿಸುವುದನ್ನು ನಿಲ್ಲಿಸಿ, ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಯಥಾಸ್ಥಿತಿಯಲ್ಲಿ ನೀಡಿರಿ.**
8. ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ಮೇಲ್ಭಾಗದ ಹಾಳೆಯನ್ನು ಪ್ರತ್ಯೇಕಿಸಿ (ಕಚೇರಿ ಪ್ರತಿ) ತಮ್ಮ ವಶದಲ್ಲಿ ಇಟ್ಟುಕೊಂಡು ತಳಬದಿಯ ಯಥಾಪ್ರತಿಯನ್ನು (ಅಭ್ಯರ್ಥಿಯ ಪ್ರತಿ) ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಕೊಡುತ್ತಾರೆ.
9. ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸಮಾನ ಅಂಕಗಳಿರುತ್ತದೆ. ಋಣಾತ್ಮಕ ಮೌಲ್ಯಮಾಪನವಿರುವುದಿಲ್ಲ.
10. ಯಾವುದೇ ರೀತಿಯ ಮೊಬೈಲ್ ಫೋನ್, ಕ್ಯಾಲ್ಕ್ಯುಲೇಟರ್ ಮತ್ತು ಇತರೆ ರೀತಿಯ ಎಲೆಕ್ಟ್ರಾನಿಕ್/ಕಮ್ಯುನಿಕೇಷನ್ ಸಾಧನಗಳು ಇತ್ಯಾದಿಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೇಂದ್ರದ ಅವರಣದೊಳಗೆ ತರುವುದನ್ನು ನಿಷೇಧಿಸಿದೆ.

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1. Which of the following is the correct sequence of the given concepts ?

   (A) Data, Knowledge, Information, Wisdom

   (B) Data, Knowledge, Wisdom, Information

   (C) Data, Information, Knowledge, Wisdom

   (D) Information, Wisdom, Knowledge, Data

2. The mode of communication that involves single source, transmitting information to a large number of receivers simultaneously is called

   (A) Mass Communication (B) One-way Communication

   (C) Group Communication (D) Interpersonal Communication

3. Panel discussion is an example of

   (A) Didactic (B) Socratic

   (C) Group discussion (D) Symposium

4. Who developed the theory of information based on the equation $\Delta_1(S) \rightarrow (S + \Delta S)$?

   (A) Shannon (B) Yovits (C) H.B. Luhn (D) Brookes

5. WIPO stands for

   (A) World Information and Patent Organisation

   (B) World Intellectual Property Organisation

   (C) World Intellectual Patent Organisation

   (D) World Information Protection Organisation

6. UBC and UAP are the programmes of

   (A) UNESCO (B) IFLA

   (C) FID (D) Library of Congress

7. World Book and Copyright Day is observed on

   (A) 23rd April (B) 28th April (C) 13th April (D) 5th April

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8. 'Equivocation' means

(A) A measure of noise in communication process

(B) Use of ambiguous language to conceal truth

(C) A measure of association of signs

(D) A measure of occurrence of words

9. Which of the following are the plagiarism software ?

(i) Turnitin (ii) Quetext

(iii) Grammarly Business (iv) APA

Codes :

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

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

10. Match the following IPRs with their year of enactment.

a.	Copyright law	i.	1972
b.	Patent Act	ii.	1847
c.	Trade Mark	iii.	1872
d.	Trade Secret	iv.	1999

Codes :

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

11. Who is the proponent of 'Information Literacy' ?

(A) Derek J. de Solla Price (B) Paul Zurkowski

(C) Doyle (D) Lancaster

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12. What is the periodicity of 'Journal of Indian Library Association' ?

(A) Quarterly (B) Annually (C) Monthly (D) Bimonthly

13. INFLIBNET's Convention on Automation of Libraries in Education and Research Institutions is known as

(A) NACLIN (B) PLANNER (C) ISKON (D) CALIBER

14. Match the Library Associations with their year of establishment.

List I	*List II*
a. ASLIB	i. 1876
b. ALA	ii. 1927
c. ILA	iii. 1924
d. IFLA	iv. 1933

Codes :

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

15. Berne Convention was related with _____.

(A) Cataloguing (B) Classification

(C) Information Literacy (D) Copyright

16. Library cess is a _____.

(A) tax levied by the Central Government

(B) tax levied by the State Government

(C) surcharge on the existing tax

(D) fee charged by the library

17. The Library Association (UK) is now the component of _____.

(A) ASLIB (B) ALA (C) ACRL (D) CILIP

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18. *Assertion (A)* : Provision of services outside the library, regular service centre or outlet is essential to reach more patrons.

Reason (R) : Library extension services help libraries to cover larger population of patrons.

Codes :

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

19. Which is the Disability Knowledge Portal available through NDLI ?

(A) DEEPAK
(B) TANGEDCO
(C) Jeevan Pramaan
(D) CHOiCE

20. UNESCO Public Library Manifesto was last revised in the year

(A) 1972 (B) 1994 (C) 1949 (D) 2022

21. Which source would you consult to get the latest on controversies about the venue for TATA's Nano ?

(A) New Encyclopaedia Britannica
(B) Asian Recorder
(C) India : A reference annual
(D) Whitaker's Almanac

22. Who has given Minimal, Middling and Maximum theories of reference service ?

(A) C.M. Winchell
(B) S.R. Ranganathan
(C) James I. Wyer
(D) Samuel Rothstein

23. Which of the following are called 'pathfinders' to the literature ?

(i) Bibliography
(ii) Catalogue
(iii) Shelf list
(iv) Indexes and Abstracts

Codes :

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

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24. Library, Information Science and Technology Abstracts is being issued by

(A) Springer Nature (B) Elsevier

(C) EBSCO (D) Taylor and Francis Online

25. Which of the following is ***not*** the document ?

(A) Manuscript (B) Book

(C) Inscription (D) Periodical

26. Recent arrangement of New Encyclopaedia Britannica is

(A) Classified (B) Alphabetical

(C) Alphabetical classed (D) Alphabetical with Notation

27. What is the meaning of E-documents ?

(A) All the documents other than printed

(B) Non-paper documents

(C) In electronic form such as cassettes, CD-ROMs, etc.

(D) Audio-visual tools

28. *Assertion (A)* : Primary sources provide most authentic information for research.

Reason (R) : Primary sources are highly unorganised as far as access is concerned.

Codes :

(A) Both (A) and (R) are true and (R) is correct explanation of (A).

(B) Both (A) and (R) are true, but (R) is not the correct explanation of (A).

(C) (A) is false, but (R) is true.

(D) Both (A) and (R) are false

29. *Assertion (A)* : Encyclopaedia is the queen of all reference sources.

Reason (R) : Encyclopaedia are more suitable for finding trend information.

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

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

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30. Match the following :

List I		*List II*
a. Bibliography	i.	Persons
b. Yearbook	ii.	Words
c. Dictionary	iii.	Current information
d. Biography	iv.	Books

Codes :

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

31. The construction of user profile is an important step for

(A) Abstracting Service (B) Literature Search

(C) Indexing Service (D) SDI Service

32. Who propounded The Five Laws of Library Science ?

(A) Samuel Rothstein (B) S.R. Ranganathan

(C) James I. Wyre (D) Samuel S. Green

33. Time is a very important factor between which of the following ?

(A) Indexing and abstracting services

(B) Reference and documentation services

(C) Short range and long range reference services

(D) CAS and SDI services

34. Which of the following platform is ***not*** a Web Scale Discovery Service ?

(A) Summon Web Scale Discovery (B) EBSCO Discovery Service

(C) Primo Central (D) Emerald Discovery Services

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35. _____ is an interactive experience that superimposes a computer-generated image on a user's view of the real world, thus providing a composite view.

(A) Virtual Reality
(B) Artificial Intelligence
(C) Augmented Reality
(D) Virtual Retinal Display

36. The main characteristics of Web 2·0 are

(i) static pages
(ii) user-generated content
(iii) participatory culture
(iv) interoperability

Codes :

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

37. Which of the following sites provide social bookmarking ?

(i) Pinterest
(ii) Tumblr
(iii) Folksonomies
(iv) Digg

Codes :

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

38. DESIDOC Journal of Library and Information Technology is a _____ .

(A) monthly journal
(B) bimonthly journal
(C) quarterly journal
(D) half-yearly journal

39. INSPEC is published by _____.

(A) INET (B) EBSCO (C) STN (D) IET

40. A _____ is any cooperative association of libraries that coordinates resources and/or activities on behalf of its members.

(A) library consortium
(B) library network
(C) library association
(D) library initiative

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41. Which of the following conceptual model is reflected in RDA ?

(A) FRSAD (B) FRAD (C) FRBR (D) ISBD

42. Resource Description and Access (RDA) was published in the year

(A) 1997 (B) 2000 (C) 2001 (D) 2010

43. Which one of the following is ***not*** a directory entry of ISO 2709 data exchange format ?

(A) Indicator (B) Tag

(C) Record length (D) Starting character position

44. According to which mnemonic quality of notation, the same digit or digit groups have been used to represent the same idea occurred in different subject ?

(A) Systematic mnemonics (B) Seminal mnemonics

(C) Alphabetical mnemonics (D) Scheduled mnemonics

45. TREC experiments are funded by

(A) National Institute of Science Communication

(B) International Institute of Science and Technology

(C) National Institute of Science and Technologies

(D) National Institute of Science and Technology

46. Which of the following is ***not*** considered as a quality of a notational system ?

(A) Hospitality (B) Brevity

(C) Specificity (D) Simplicity

47. As per the combined edition of ISBD, the last area of Description is

(A) Standard Number and Terms of Availability

(B) International Standard Number and Terms of Availability

(C) Resource Identifier and Terms of Availability

(D) Resource Identifier and Availability

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48. What is the expansion of BSO ?

(A) Broad System of Ordering
(B) Broad Subject Ordering
(C) Broad Subject Classification
(D) Broad System of Organisation

49. Match various classification schemes with the year of publication.

List I	*List II*
a. UDC	i. 1934
b. BSO	ii. 1905
c. Bibliographic Classification	iii. 1978
d. Subject Classification	iv. 1914

Codes :

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

50. In directory entry of bibliographic exchange format, segment identifier and occurrence identifier are available in which of the following format ?

(i) MARC 21 Bibliographic
(ii) CCF
(iii) ISO 2709
(iv) UNIMARC

Codes :

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

51. Who wrote the book *"Fundamentals of Collection Development and Management"* ?

(A) Dr. S.R. Ranganathan
(B) Peggy Johnson
(C) Lionel Roy McColvin
(D) Alfred James Lotka

52. Who is considered as the Father of Human Relations School of Management ?

(A) Elton Mayo
(B) Henri Fayol
(C) Chester Barnard
(D) D. McGregor

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53. *Assertion (A)* : Organisation chart can be a useful management tool.
Reason (R) : It shows the formal lines of communication within the library.
(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.

54. PERT is used for
(A) Money management
(B) Time management
(C) Space management
(D) Self-Appraisal management

55. Who is the Father of Scientific Management ?
(A) Henri Fayol (B) F.W. Taylor (C) Luther Gulick (D) A. Maslow

56. Which network analysis method is used to draw flow of jobs to be accomplished ?
(A) Critical Incident Appraisal
(B) Queuing Theory
(C) Delphi Technique
(D) Critical Path Method

57. Herzberg's two-factor theory deals with _____.
(A) Decision making
(B) Leadership
(C) Staff recruitment
(D) Motivation

58. The head office of Good Offices Committee is located at _____.
(A) Kolkata (B) New Delhi (C) Bangalore (D) Chennai

59. Identify the persons who contributed to the development of TQM.
(i) Philip B. Crosby
(ii) Kaoru Ishikawa
(iii) Joseph M. Juran
(iv) Michael Gorman
Codes :
(A) (i), (ii) and (iii) are correct.
(B) (ii), (iii) and (iv) are correct.
(C) (i), (iii) and (iv) are correct.
(D) (i), (ii) and (iv) are correct.

60. The book selection principle "the best reading for the largest number at the least cost" was propounded by
(A) S.R. Ranganathan
(B) Francis Drury
(C) Melvil Dewey
(D) McColvin

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61. How many characters can be encoded with 16-bit encoding scheme ?

(A) 256 (B) 128 (C) 65536 (D) 131092

62. The first version of Unicode was introduced in the year

(A) 1991 (B) 1990 (C) 1963 (D) 1964

63. Which one of the following is ***not*** a Virtual Reality (VR) tool ?

(A) Unreal Engine (B) JioDive (C) Blender (D) SketchUp

64. Which one of the following is ***not*** a modulation technique ?

(A) Pulse-shift keying (B) Amplitude-shift keying

(C) Frequency-shift keying (D) Phase-shift keying

65. Who is the father of Holography ?

(A) Dennis Gabor (B) William Lawrence Bragg

(C) Mieczysław Wolfke (D) Emmett Leith

66. When were the IP security related standards published by the IETF ?

(A) 1995 (B) 1996 (C) 2000 (D) 2001

67. The lowest layer in the OSI model is

(A) Transport (B) Physical

(C) Session (D) Application

68. What types of multiplexing are recoginsed ?

(i) Frequency division (ii) Time division

(iii) Cost division (iv) Code division

Codes :

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

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

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69. Match the following :

	List I		*List II*
a.	DOS	i.	Linus Torvalds
b.	Unix	ii.	Microsoft
c.	Linux	iii.	Google
d.	Android	iv.	Ritchie and Thompson

Codes :

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

70. Match the search engine with its year of launch.

	List I		*List II*
a.	AltaVista	i.	1994
b.	MSN Search	ii.	2009
c.	BING	iii.	2005
d.	Lycos	iv.	1995

Codes :

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

71. Name of the institutional repository of Indian Institute of Science, Bengaluru is

(A) IISc Digital Repository
(B) ePrints@IISc
(C) NDL@IISc
(D) repository@IISc

72. METS is being maintained by

(A) W3C
(B) IFLA
(C) Committee on Institutional Cooperation
(D) Library of Congress

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73. Match the CMS software with its developer.

	List I		*List II*
a.	Moodle	i.	Dries Buytaert
b.	Drupal	ii.	Matt Mullenweg and Mike Little
c.	WordPress	iii.	Andrew Eddie and others
d.	Joomla	iv.	Martin Dougiamas

Codes :

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

74. Match the IR system with its year of release.

	List I		*List II*
a.	DSpace	i.	2003
b.	EPrints	ii.	2002
c.	Greenstone	iii.	2000
d.	Fedora	iv.	1999

Codes :

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

75. Text mining software are

(i) AeroText (ii) Magento

(iii) Alchemy API (iv) Autonomy

Codes :

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

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

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Read the given passage carefully and answer the questions that follow (76 to 80) :

Digital Records are valuable resources that are required for every functionality and activity of education, research and innovation.

The Digital Library (DL) helps to store, manage, preserve and provide resources to its users. It has many facets viz. data management, knowledge transfer, information retrieval, web retrieval services, Artificial Intelligence, image processing and human interaction.

The DL makes available immediate, easy and everywhere access to the information. It makes sure the consistent access to the digital substance over time can be not easily prone to hardware breakdown or change in machinery rendering digital resources outdated. Digital information preservation aims to ensure that digital media and information systems are still interoperable into the indefinite future. Each necessary component of this must be migrated, preserved or emulated. Digital preservation strategies are methods for keeping stored digital objects permanently accessible for long time reuse.

Implementing a digital preservation strategy is a crucial part of managing the risk associated with the rapid hardware and software obsolescence. Data digital preservation strategies are emulation, migration and encapsulation. Emulation means combining software and hardware to reproduce all the essential characteristics of the performance of another computer of a different design allowing programs or media designed for particular environment to operate. Migration means to copy data, convert data. Encapsulation is a technique of grouping together of digital objects and metadata necessary to provide access to that object. Digital library preservation software helps to preserve the digital objects for the long term use. Each software uses different preservation technique, i.e. Greenstone digital library software uses encapsulation technique, whereas Xena uses migration technique.

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76. What is/are the major risks of digital library maintenance in a long time ?

(A) Hardware obsolescence

(B) Software obsolescence

(C) Both (A) and (B)

(D) Neither (A) nor (B)

77. Which one of the following is ***not*** a digital library preservation strategy ?

(A) Encapsulation (B) Emulation

(C) Preparation (D) Migration

78. A technique which is used for grouping the related objects together to preserve is

(A) Emulation (B) Migration

(C) Bit-stream copying (D) Encapsulation

79. To maintain data object for long term preservation, the technique to convert data from one technology to another is

(A) Encapsulation (B) Migration

(C) Emulation (D) Conversion

80. Greenstone digital library software uses _____ technique for digital preservation.

(A) Emulation

(B) Migration

(C) Bit-stream copying

(D) Encapsulation

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81. What are the characteristics of research ?

(i) Controlled (ii) Simple

(iii) Systematic (iv) Rigorous

Codes :

(A) (i), (ii) and (iii) only (B) (i), (iii) and (iv) only

(C) (i), (ii) and (iv) only (D) (ii), (iii) and (iv) only

82. The three key criteria for a research problem statement are :

(i) It should be flexible (ii) It should be relevant

(iii) It should be feasible (iv) It should be interesting

Codes :

(A) (i), (ii) and (iii) only (B) (i), (ii) and (iv) only

(C) (i), (iii) and (iv) only (D) (ii), (iii) and (iv) only

83. An hypothesis whose validity is tested on the basis of a sample is called _____ .

(A) Null Hypothesis (B) Simple Hypothesis

(C) Composite Hypothesis (D) Statistical Hypothesis

84. The probability of selecting an item from a population by probability sampling is

(A) One (B) Non-zero

(C) Zero (D) 100 percent

85. A type of variable in statistics that can only take on a finite or countably infinite set of values is known as _____ .

(A) Ordinal variable (B) Discrete variable

(C) Nominal variable (D) Continuous variable

86. In terms of frequency curve, the ordinate drawn at median divides the area under the curve into _____ .

(A) two equal parts (B) three equal parts

(C) multiple unequal parts (D) multiple equal parts

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87. A mode is defined as the value that has a _____ in a given set of values.

(A) lower frequency (B) higher value

(C) higher frequency (D) lower value

88. The term 'et al' is used to denote

(A) the same author (B) previous author

(C) and others (D) alternate author name

89. Which of the following software is ***not*** used for checking plagiarism ?

(A) AntiPlag (B) Noplag

(C) Turnitin (D) ithenticate

90. The g-index is

(A) an institution-level metric

(B) an author-level metric

(C) a journal-level metric

(D) a database-level metric

91. National Policy for Persons with Disabilities was introduced in the year

(A) 2006 (B) 2005

(C) 2004 (D) 2003

92. Which one of the following is ***not*** a DAISY format reader ?

(A) VisuAide (B) Labyrinthine Data

(C) TextAloud (D) JBoss

93. The Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act came to force in

(A) 1995 (B) 1996

(C) 1997 (D) 1998

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94. CeRA was established in the year

(A) 2007 (B) 2006

(C) 2005 (D) 2004

95. National Academic Depository is an initiative of

(A) DST (B) UGC

(C) Ministry of Culture (D) RRRLF

96. Which one among the following is an agricultural database ?

(A) INSPEC (B) PubMed

(C) ProQuest (D) AGRICOLA

97. Global Initiative on Digital Health (GIDH) is an initiative of

(A) UNESCO (B) WHO

(C) UNICEF (D) ICAO

98. Khuda Bakhsh Oriental Library was opened for public in the year

(A) 1891 (B) 1842

(C) 1875 (D) 1920

99. National Archives of India was established in the year

(A) 1842 (B) 1891

(C) 1843 (D) 1892

100. 'Community Information Services' is also referred as

(A) Referral and neighbourhood

(B) Documentation services

(C) Reprographic services

(D) Discussion services

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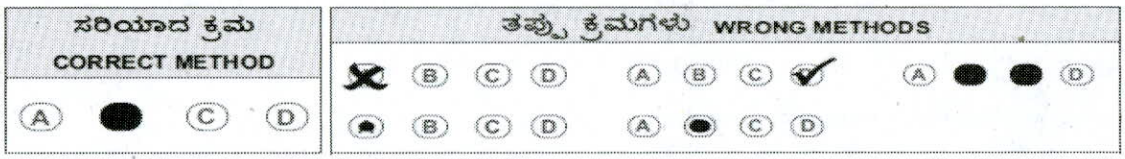
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