

1. Arrange the following laws/principles from a lower to a higher level as propounded by Dr. S.R. Ranganathan
 - (a) Fundamental Laws
 - (b) Canons
 - (c) Principles
 - (d) Basic Laws

(A) (c), (b), (a), (d)

(B) (a), (b), (c), (d)

(C) (b), (d), (a), (c)

(D) (d), (c), (b), (a)

2. An information system operates on the collection of 12 documents (d1, d2....d12). Against a search query, the system returns d1, d2, d4, d7, d9, d10, and d12. An expert panel decided that for the same query, relevant documents in the collection were d2, d4, d6, d8, d10 and d12. For the search query, precision and recall of the system are:
 - (A) Precision= $\frac{4}{7}$, Recall= $\frac{4}{6}$
 - (B) Precision= $\frac{4}{6}$, Recall= $\frac{4}{7}$
 - (C) Precision= $\frac{7}{12}$, Recall= $\frac{6}{12}$
 - (D) Precision= $\frac{6}{12}$, Recall= $\frac{7}{12}$

3. The principal of a school conducts an interview session of teachers and students intending to explore the possibility of their enhanced participation in school programmes. To which type of research may this endeavour be related?
 - (A) Evaluation Research
 - (B) Fundamental Research
 - (C) Action Research
 - (D) Applied Research

4. **Assertion:** A controlled vocabulary may take some form of classification scheme.

Reason: In a controlled vocabulary semantically related terms are not linked.

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

5. In thesaurus SN (Scope Note) provides

- (a) Related terms.
- (b) Clarification of ambiguity, restriction in the usage of description.
- (c) Brief descriptions of sense or framework in which the terms should be used.

Among the above assertions,

- (A) Only (a) and (c) are correct
- (B) Only (a) and (b) are correct
- (C) Only (b) and (c) are correct
- (D) (a), (b) and (c) are all correct

6. Ontology can be used as

- (A) Classification system
- (B) Controlled vocabulary
- (C) RDF datastore
- (D) All of the above

7. Which law of the Library Science, as enunciated by Dr Ranganathan pre-empted the inclusion of citizens such as children, differently-abled, artisans, neo-literates, farmers, factory workers, and many more under the ambit of Public Library Service?
- (A) First Law
 - (B) Second Law
 - (C) Fourth Law
 - (D) Fifth Law
8. To find out the etymology of a word , the correct reference source is:
- (A) Language dictionary
 - (B) Biographical dictionary
 - (C) Encyclopedia
 - (D) Yearbook
9. Identify the correct sequence of entities in Group 1 of Functional Requirements of Bibliographic Records (FRBR):
- (A) Expression, Works, Items, Manifestation
 - (B) Works, Items, Expression, Manifestation
 - (C) Works, Expression, Manifestation, Items
 - (D) Works, Expression, Items, Manifestation

10. The purposes of Metadata are
- (a) Unique identification.
 - (b) Authentication of records.
 - (c) Shelf arrangement.
 - (d) Indicate strength of a library collection.

Among the above assertions,

- (A) (a) and (b) are correct
 - (B) (b) and (c) are correct
 - (C) (c) and (d) are correct
 - (D) (a) and (d) are correct
11. Canon of Reticence is a canon for which planes/s:
- (A) Idea Plane
 - (B) Verbal Plane
 - (C) Notational Plane
 - (D) Both Idea and Notational Planes
12. In normative principles of Dr Ranganathan, the principle which states 'that between two or more possible alternatives bearing on a particular phenomenon the one leading to overall economy is to be preferred' is known as:
- (A) Law of Symmetry
 - (B) Law of Parsimony
 - (C) Law of Osmosis
 - (D) Law of Impartiality

13. Patents are examples of
- (A) Secondary source
 - (B) Primary source
 - (C) Tertiary sources
 - (D) All of the above
14. The primary distinction between RDA and AACR is
- (A) Structural
 - (B) Relational
 - (C) Non-structural
 - (D) Combinational
15. 'CODEN' is associated with
- (A) Books
 - (B) Serials
 - (C) Reports
 - (D) Computer codes
16. In the spiral of scientific method, the span of Zenith to descendent is
- (A) Empirical phase
 - (B) Hypothesizing phase
 - (C) Deductive phase
 - (D) Verification phase

17. By which of the following modes has the subject “Research Methodology” been formed?

- (A) Fusion
- (B) Distillation
- (C) Fission
- (D) Loose Assemblage

18. Digital library functions include:

- (i) Creating and capturing content.
- (ii) Storage and management.
- (iii) Search and access.
- (iv) Abstracting and annotating.

Among the above assertions,

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

19. In the process of reasoning when we start with a specific statement and conclude with a general statement, it is called

- (A) Abnormal Reasoning
- (B) Transcendental Reasoning
- (C) Deductive Reasoning
- (D) Inductive Reasoning

20. Denudation mode of formation of subject is
- (A) dividing classes to decrease the extension
 - (B) dividing classes to increase the extension
 - (C) dividing classes to increase intension and decrease extension
 - (D) is dividing classes to decrease intension
21. In C.C. the title 'Medical Jurisprudence' can be classified and sharpened with the help of
- (A) Subject Device
 - (B) Alphabetical Device
 - (C) Classic Device
 - (D) Enumerative Device
22. Journal : Impact Factor :: Author : _____
- (A) H-index
 - (B) Altmetric Score
 - (C) Citation count
 - (D) Books written
23. Shibboleth is
- (A) Single-sign-on system that allows people to sign in using just one identity to various systems run by different organizations or institutions
 - (B) A protocol that lets users deposit data in a digital repository
 - (C) A scripting language
 - (D) A library management software

24. “Canon of Exhaustiveness” is one of the Canons for
- (A) Succession of characteristics
 - (B) Array
 - (C) Chain
 - (D) None of the above
25. Lotka’s law of scientific productivity is expressed by the equation $Y = C/X^n$. What is Y ?
- (A) The year of publication
 - (B) The total number of publications
 - (C) Frequency of authors making X contributions
 - (D) Ratio of number of authors to the total number of publications in a year
26. Folksonomy is
- (A) Community based knowledge organization system
 - (B) Collection of folk songs
 - (C) Term introduced by Henri Fayol
 - (D) Book dealing with the economy of villages
27. **Assertion (A):** Digitization of documents is the most viable option for digital preservation
- Reason (R):** Digital preservation ensures long term accessibility and usability
- (A) Reason is true but Assertion is false
 - (B) Assertion is true but Reason is false
 - (C) Both Assertion and Reason are true
 - (D) Both Assertion and Reason are false

28. SDI stands for
- (A) Scientific Documentation Initiative
 - (B) Selective Dissemination of Information
 - (C) State Disaster Information
 - (D) State Data Initiative
29. Creative Commons deals with
- (A) Citation indexing
 - (B) Content licensing
 - (C) Common research database creation
 - (D) Accessing collection of creative works
30. Systematic indexing was introduced by
- (A) Cutter
 - (B) Dewey
 - (C) Bhattacharyya
 - (D) Kaiser