सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

CEN 07/2024 - मिनिस्ट्रियल और आइसोलेटेड कोटियाँ / CEN 07/2024 - Ministerial & Isolated Categories

Test Date	12/09/2025
Test Time	9:00 AM - 10:30 AM
Subject	Librarian

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **Professional Ability**

Q.1 **According to AACR2, the use of 'see' and 'see also' references is recommended:**

Ans
A. to direct the reader from one heading to another
B. for serial holdings listed alphabetically
C. for inter-library loans management
D. for RFID Smart ID Card and Barcode generation

Q.2 **Which of the following is NOT a typical skill or ability required by an information-literate individual?**

Ans
A. Ability to focus on library collection development
B. Ability to recognise and define information needs
C. Ability to locate or search and access information
D. Ability to acknowledge the sources of information

Q.3 **Information literacy and lifelong learning are considered essential for the development of the information society, according to which proclamation?**

Ans
A. The Paris Declaration
B. The Geneva Accord
C. The Alexandria Proclamation
D. The London Manifesto

Q.4 **What is Farradane's indexing system that was developed in the 1950s called?**

Ans
A. Relational Indexing
B. Dictionary Catalogue
C. Chain Indexing
D. Faceted Classification

Q.5 **The flexibility of notation allows libraries to:**

Ans
A. allocate random symbols to new books
B. keep the same notation for all future topics
C. expand or refine collections without disturbing the established order
D. replace existing class numbers frequently

Q.6 **Which of the following is a core attribute of a 'subject' in knowledge organisation?**

Ans

A. Extension and intension

B. Publisher location

C. Call number only

D. Circulation date

Q.7 **Representation of complex subjects in DDC and UDC is typically achieved by which of the following?**

Ans

A. Placing all such works in general works

B. Always sticking to a main class only

C. Principles and practices

D. Provision of rules and devices

Q.8 **In Colon Classification, the subject Mysticism is uniquely positioned between:**

Ans

A. Humanities and Social Sciences

B. Sciences and Humanities

C. Useful Arts and Fine Arts

D. Sciences and Social Sciences

Q.9 **What is the role of a catalogue in interlibrary loans (ILL)?**

Ans

A. Provide references for online databases only

B. Restrict borrowing of rare materials

C. Facilitate access to resources in other libraries

D. Maintain a union catalogue of only e-books

Q.10 **Who is regarded as the first grammarian of library classification?**

Ans

A. Melvil Dewey

B. HE Bliss

C. SR Ranganathan

D. WCB Sayers

Q.11 **Which mode of subject formation is equivalent to Boulding's 'Multi-hybrid with common methodology'?**

Ans

A. Distillation mode where a pure discipline emerges from diverse compound subjects

B. Isolation mode where subjects remain separate and unaffected

C. Fragmentation mode where disciplines lose their identity

D. Aggregation mode where unrelated subjects combine without focus

Q.12 **The first ISBD published was:**

Ans

A. ISBD (S) – Serials

B. ISBD (CM) – Cartographic Materials

C. ISBD (M) – Monographic Publications

D. ISBD (G) – General

Q.13 **Which type of classification scheme allows the assignment of an object to multiple characteristics (attributes)?**

Ans

A. Taxonomic

B. Bibliographic

C. Faceted

D. Enumerative

Q.14 **Why is the Simple Knowledge Organisation System (SKOS) designed?**

Ans

A. Provide a model for representing controlled vocabularies and schemes

B. Classify resources using standard classification methods

C. Design library layouts and shelving arrangements

D. Manage user data and library circulation efficiently

Q.15 **According to Ranganathan, which is NOT a mode of subject formation?**

Ans

A. Epistemol

B. Lamination

C. Loose assemblage

D. Fusion

Q.16 **Which of the following is NOT a machine-readable communication format?**

Ans

A. UNIMARC

B. AACR 2

C. CCF

D. MARC

Q.17 **A machine-readable catalogue can support which of the following?**

Ans

A. Searching by any bibliographic element such as author, subject, publisher, price

B. Searching only by author and title

C. Searching exclusively by classification numbers

D. Searching only through Boolean operators

Q.18 **Which of the following is NOT a freely faceted system?**

Ans

A. CRG Classification

B. Dewey Decimal Classification (DDC)

C. Colon Classification Ed. 7

D. Bibliographic Classification (BC-2)

Q.19 **Which of the following is true about CC (Colon Classification)?**

Ans

A. It uses a mixed notation of numerals, Roman letters, and punctuation marks

B. It depends exclusively on decimal hierarchy

C. It is enumerative in nature

D. It does not allow synthesis

Q.20 **Notation preserves the systematic order of subjects (arrays and chains) determined in the:**

Ans

A. cataloguing plane

B. shelf plane

C. verbal plane

D. idea plane

Q.21 **The Universal Decimal Classification (UDC) has its origin in which classification system?**

Ans

A. Colon Classification (CC)

B. Library of Congress Classification (LCC)

C. Bliss Bibliographic Classification (BC)

D. Dewey Decimal Classification (DDC)

Q.22 When did the introduction of alphabetical subject indexing become more widespread and systematic?

Ans

A. Late 19th century

B. 13th century

C. Early 21st century

D. 15th century

Q.23 What does the Universal Decimal Classification (UDC) primarily add to a hierarchical structure of knowledge organisation?

Ans

A. Restriction to ten fixed main classes

B. Ability to express relations between subjects

C. Facility for alphabetical indexing

D. Short numeric codes only

Q.24 Which conceptual models form the basis of RDA?

Ans

A. LCSH and DDC

B. Dublin Core and MODS

C. ISBD and MARC 21

D. FRBR and FRAD

Q.25 Which of the following are characteristics of knowledge?

Ans

A. Tangible, fixed, and measurable

B. Isolated, unchangeable, and restricted

C. Physical, static, and localized

D. Intangible, transferable, and continuous

Q.26 According to Item 12 of the State List in the Seventh Schedule of the Indian Constitution, libraries are classified as:

Ans

A. a central subject

B. a Union subject

C. a State subject

D. a concurrent subject

Q.27 According to Cutter, the 'convenience of the public' principle in library cataloguing emphasises which of the following?

Ans

A. Arranging catalogue entries only alphabetically

B. Giving priority to the cataloguer’s comfort

C. User’s needs take precedence over strict rule adherence

D. Ignoring subject approaches in catalogue preparation

Q.28 Which of the following is characteristic of analytico-synthetic classification schemes?

Ans

A. Pre-listed class numbers only

B. Guided by postulates and principles

C. Emphasised hierarchical notation

D. Lack of auxiliary tables

Q.29 What is the main capability of the Dynamic Theory of Classification?

Ans

A. It develops a methodology for designing schemes with greater detail and accuracy.

B. It eliminates the practical need for classification systems.

C. It emphasises simplifying existing schemes without increasing depth.

D. It restricts schemes to broad subjects with limited precision.

Q.30 **According to the principle of classification, where should a biography be classified?**

Ans

A. Alphabetically by the author's last name

B. In a separate section for personal narratives

C. The subject field of the person featured

D. Based on the binding of the book

Q.31 **Which of the following statements correctly differentiates explicit and tacit knowledge?**

Ans

A. Explicit knowledge is expressed openly; tacit knowledge is personal and may be unexpressed

B. Tacit knowledge is formal; explicit knowledge is informal

C. Both explicit and tacit knowledge are recorded in libraries

D. Explicit knowledge is always unshared; tacit knowledge is publicly recorded

Q.32 **The National Library of India is located at:**

Ans

A. Mumbai

B. Chennai

C. New Delhi

D. Kolkata

Q.33 **Which of the following is NOT one of the eight areas of ISBD description?**

Ans

A. Notes area

B. Series area

C. Edition area

D. Copyright area

Q.34 **Which of the following statements correctly distinguishes data, information, and knowledge?**

Ans

A. Data and information are tangible; knowledge is abstract

B. Data, information, and knowledge are all tangible products

C. Information is abstract; data and knowledge are always physical

D. Knowledge is tangible; data and information are abstract concepts

Q.35 **How can Knowledge Organisation Systems (KOS) be presented to users in digital libraries?**

Ans

A. As logical clusters of themes or categories on websites

B. Exclusively as numerical classification codes

C. Solely as user registration tools

D. Only as visible printed indexes in physical libraries

Q.36 **Under the order of main classes, Generalia is defined as:**

Ans

A. literature dealing with universal history

B. works that cannot logically be assigned to a single class

C. the philosophical basis of all sciences

D. books dealing with applied science and practical arts

Q.37 **Which of the following is a common method for imparting user education in libraries?**

Ans

A. Author book talks

B. Ignoring new users

C. Library orientation programmes

D. Only online tutorials

Q.38 **Cataloguing codes are designed to ensure which of the following?**

Ans

A. Freedom to ignore bibliographic standards

B. Creation of only digital catalogue records

C. Uniformity and consistency in cataloguing practices

D. Different rules for every individual library

Q.39 **A key distinction between common auxiliaries and special auxiliaries in UDC is that:**

Ans

A. common auxiliaries are universally applicable; special auxiliaries are subject-specific

B. common auxiliaries are subject-specific; special auxiliaries are universal

C. both apply only to literature and social sciences

D. both are universally applicable but differ in notation style

Q.40 **What does the acronym RDA stand for in library cataloguing?**

Ans

A. Resource Description and Access

B. Resource Definition and Attributes

C. Rapid Data Acquisition

D. Record Description and Analysis

Q.41 **A basic subject is best described as:**

Ans

A. a subject without any isolate idea

B. made up of several compound and complex subjects

C. a result of phase relation

D. a subject heading only

Q.42 **What does the principle of literary warrant in subject classification state?**

Ans

A. Subjects should be included regardless of the availability of published literature

B. A subject should be included only if sufficient published literature exists on it

C. Subjects must be listed alphabetically without considering literature volume

D. Classification should be based on the importance of subjects rather than published works

Q.43 **Which of the following best describes the Universal Decimal Classification (UDC)?**

Ans

A. Alphabetic subject arrangement

B. Pre-coordinated enumeration only

C. Combines features of enumerative and faceted systems

D. Used exclusively in the United States

Q.44 **Ranganathan's analogy for subjects in his Five Laws of Library Science is borrowed from which of the following?**

Ans

A. Mathematical concepts: sets, functions, numbers

B. Geographical entities: country, state, city

C. Elements of Newton's second law: force, mass, acceleration

D. Analogy of chemical substances: element, compound, mixture

Q.45 **Which of the following are the two main parts of a Classified Catalogue?**

Ans

A. Main Entry file and Added Entry file

B. Author part and Subject part

C. Classified part and Alphabetical part

D. Series part and Chronological part

Q.46 **Which principle emphasises that classification systems must accommodate growth of knowledge and new subjects?**

Ans

A. Hierarchical structure

B. Exhaustiveness

C. Flexibility

D. Subject approach

Q.47 **The harmonisation of USMARC and CAN/MARC resulted in the emergence of:**

Ans

A. MARC - II

B. ISO 2709

C. MARBI

D. MARC - 21

Q.48 **Which of the following is NOT a typical example of a Knowledge Organisation System (KOS)?**

Ans

A. Inventory log

B. Thesaurus

C. Taxonomies

D. Classification scheme

Q.49 **The principle of 'collocation' in cataloguing means:**

Ans

A. grouping works by the same author together

B. manual card arrangement

C. placing books randomly

D. arrangement by acquisition date

Q.50 **The 'point, space, dash, space' (. –) in ISBD punctuation is used for which of the following?**

Ans

A. Separate different bibliographic records in a database

B. Mark parallel titles in area 1

C. Separate the different areas of a bibliographic description, except for the first area

D. Replace missing elements in a record

Section : **General Ability**

Q.51 **Each vowel in the word FLIGHTY is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?**

Ans

A. M

B. H

C. G

D. I

Q.52 **Article 315 in Part XIV of the Indian Constitution mentions which of the following constitutional bodies?**

Ans

A. Public Service Commissions for the Union and States

B. Election Commission of India

C. Finance Commission

D. State Election Commission

Q.53 **Which connective tissue connects one bone to another in the human skeletal system?**

Ans

A. Ligament

B. Tendon

C. Cartilage

D. Areolar tissue

Q.54 **What happens to a rowing boat when a sailor jumps forward out of it, and which law of motion does this demonstrate?**

Ans

A. The boat floats in place; Newton's law of gravity

B. The boat moves backward; Newton's third law

C. The boat moves forward; Newton's first law

D. The boat moves forward; Newton's second law

Q.55 **Find the mean proportional between 16 and 36.**

Ans

A. 26

B. 30

C. 28

D. 24

Q.56 **A student pours 30 ml of juice into three differently shaped containers. The juice takes different shapes in each container, but the level of liquid varies. This shows that:**

Ans

A. Liquids have fixed shape but no fixed volume.

B. Liquids have fixed volume but no fixed shape.

C. Liquids have neither fixed volume nor shape.

D. Liquids have no fixed volume.

Q.57 **In July 2025, Delhi government announced to give what amount as cash reward to those winning gold medals at Olympic and Paralympic?**

Ans

A. ₹7 crore

B. ₹5 crore

C. ₹10 crore

D. ₹3 crore

Q.58 **In a certain code language, 'LEFT' is coded as '6213' and 'LIFT' is coded as '1643'. What is the code for 'I' in the given code language?**

Ans

A. 6

B. 1

C. 4

D. 2

Q.59 **What is the number of carbon dioxide (CO_2) molecules released when one pyruvate molecule is completely broken down aerobically?**

Ans

A. 3

B. 12

C. 32

D. 9

Q.60 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
A. IM – NR
B. QU – WZ
C. AE – FJ
D. CG – HL

Q.61 A sum amounts to ₹16,494.50 at 9.25% per annum simple interest in 5.4 years. What will be the simple interest (in ₹) on the same sum at 8.6% per annum for 4.5 years?

Ans
A. 4,257
B. 4,725
C. 4,527
D. 5,427

Q.62 The price of a mobile phone increased from ₹8,000 to ₹9,600. What is the percentage increase?

Ans
A. 20%
B. 19%
C. 21%
D. 18%

Q.63 What is the total member strength of the Estimates Committee of the Lok Sabha?

Ans
A. 30
B. 22
C. 7
D. 15

Q.64 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DEW33 IJB46 NOG59 STL72 ?

Ans
A. CYQ85
B. XYQ85
C. XYO85
D. XZQ85

Q.65 The _____ has the power to register any person as an overseas citizen of India.

Ans
A. State Government
B. President of India
C. Central Government
D. Supreme Court of India

Q.66 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
A. IS - GW
B. UE - SI
C. LV - JZ
D. JT - SY

Q.67 What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

15 × 5 + 20 ÷ 2 − 50 = ?

Ans

A. 21

B. 28

C. 13

D. 3

Q.68 40 students working 9 h per day complete the task in 5 days. If 45 students are instructed to work 10 h per days, what is the time required to complete the work?

Ans

A. 8 days

B. 6 days

C. 4 days

D. 5 days

Q.69 What should come in place of the question mark (?) in the given series?
192 164 138 114 ? 72

Ans

A. 112

B. 99

C. 103

D. 92

Q.70 Aman is driving his car with two-thirds of its actual speed. He covers 55 km in 110 minutes. Find the actual speed of the car.

Ans

A. 45 km/hr

B. 44 km/hr

C. 40 km/hr

D. 42 km/hr

Q.71 This question is based on the following words.
ALT DOL SKI OTP
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans

A. Two

B. None

C. One

D. Three

Q.72 Simplify: $\left(\frac{2^2 \times 5^5 \times 7^7}{5 \times 7^3}\right)^{\frac{1}{2}}$

Ans

A. 4800

B. 2450

C. 3250

D. 2350

Q.73 Who was the first Indian cricketer to score a triple century in Test cricket?

Ans

A. Rahul Dravid

B. Sachin Tendulkar

C. Virendra Sehwag

D. Virat Kohli

Q.74 **Which of the following Conference of the Parties (COP) to the UN Framework Convention on Climate Change (UNFCCC) reached a breakthrough agreement on a new 'Loss and Damage' Fund for vulnerable countries?**

Ans

A. COP 28

B. COP 26

C. COP 29

D. COP 27

Q.75 **Which type of vegetation is found in areas receiving heavy rainfall above 200 cm?**

Ans

A. Tropical deciduous forests

B. Alpine vegetation

C. Desert vegetation

D. Tropical evergreen forests

Q.76 **Who among the following was known as the 'Lion of Punjab' for his leadership in the freedom struggle?**

Ans

A. C Rajagopalachari

B. Lala Lajpat Rai

C. Gopal Krishna Gokhale

D. Bipin Chandra Pal

Q.77 **The sum of the age of A and 5 times the age of B is 55 years. When 3 times the age of A is added to 7 times the age of B, the result is 99 years. The sum of the ages (in years) of A and B is:**

Ans

A. 22

B. 21

C. 20

D. 27

Q.78 **What was India's ranking in the Global Innovation Index 2023?**

Ans

A. 40^{th}

B. 62^{nd}

C. 20^{th}

D. 50^{th}

Q.79 **In a high jump event, why are athletes made to land on a cushioned or sand bed instead of a hard surface?**

Ans

A. To decrease the time taken to stop, increasing the rate of change of momentum

B. To help them bounce higher after landing

C. To reduce the time taken to land

D. To increase the time taken to stop, reducing the rate of change of momentum

Q.80 **216 identical solid spheres of radius 7cm are melted to form a big sphere, find the diameter of the big sphere.**

Ans

A. 64 cm

B. 42 cm

C. 78 cm

D. 84 cm

Q.81 **In a certain code language, PRIYA is written as AYIRP and PREET as TEERP. How will PRITA be written in the same code?**

Ans

A. APRIT

B. ATIRP

C. ATPRI

D. ARPIT

Q.82 **Match the following.**

Column I (Substance)	Column II (Observation)
1. Phenolphthalein in NaOH	a. CO_2 gas evolves
2. $CaCO_3$ + dilute acid	b. Pink colour
3. Neutralization reaction	c. Salt + water

Ans

A. 1-a, 2-b, 3-c

B. 1-b, 2-a, 3-c

C. 1-b, 2-c, 3-a

D. 1-c, 2-a, 3-b

Q.83 **What is the name of India's and Asia's longest freight train (4.5 km, 345 wagons), which made its first trial run in August 2025 from Ganjkhwaja, Uttar Pradesh, to Garhwa, Jharkhand?**

Ans

A. Vishwakarma

B. Rudrastra

C. Avatar

D. Rudraksha

Q.84 What is the mean of the following distribution?

Marks	17	31	52	66	86
No. of Students	79	11	78	83	73

Ans

A. 36

B. 54

C. 77

D. 55

Q.85 **Vacuoles are membrane-bound structures in plant cells. What is their main role in supporting the cell's function and structure?**

Ans

A. DNA replication

B. Protein synthesis

C. Controlling cell division

D. Providing turgidity and rigidity to the cell

Q.86 **The Santhal rebellion of 1855–56 was led by which of the following leaders?**

Ans

A. Alluri Sitarama Raju

B. Titu Mir

C. Birsa Munda

D. Sidhu and Kanhu Murmu

Q.87 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:

Some petals are flowers.
No flower is a bat.

Conclusions:

(I) Some petals are bats.
(II) Some flowers are petals.

Ans
A. Both conclusions (I) and (II) follow.
B. Only conclusion (I) follows.
C. Neither conclusion (I) nor (II) follows.
D. Only conclusion (II) follows.

Q.88 **With reference to the physiography of India, what are 'Shipkila' and 'Bomdila'?**

Ans
A. Names of lakes
B. Names of plateaus
C. Names of mountain passes
D. Names of plains

Q.89 **Which of the following is a secondary source of energy?**

Ans
A. Coal
B. Electricity
C. Petroleum
D. Gas

Q.90 **Refer to the following letter series and answer the question that follows.**

(Left) P S R U B K C A Z E Y L A P Q F A T L B (Right)

Which letter is fifth to the right of the eighth letter from the right?

Ans
A. A
B. T
C. L
D. C

Q.91 **Which part of the flower contains the germ cells in plants?**

Ans
A. Petals and sepals
B. Ovary and stem
C. Roots and leaves
D. Stamens and pistil

Q.92 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?**

24 A 2 B 4 C 8 D 3 = ?

Ans
A. 53
B. 48
C. 50
D. 42

Q.93 According to Fleming's Left-Hand Rule, if the forefinger points in the direction of the magnetic field and the middle finger points in the direction of the current, what does the thumb indicate?

Ans

A. Direction of force on the conductor

B. Direction of the electric charge

C. Direction of magnetic north

D. Direction of electric field on the conductor

Q.94 In July 2025, the return of the sacred Piprahwa relics of Lord Buddha to India was made possible through a public-private partnership between the Government of India and which of the following organisations?

Ans

A. Wipro

B. Reliance Industries Limited

C. Godrej Industries Group

D. Tata Group

Q.95 The number 2017224 is NOT divisible by:

Ans

A. 72

B. 54

C. 88

D. 75

Q.96 In July 2025, the Central Government issued a No Objection Certificate (NOC) to which state for launching India's first AI-powered road safety initiative?

Ans

A. Assam

B. Uttar Pradesh

C. Maharashtra

D. Rajasthan

Q.97 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. Only C sits between D and R. R sits third to the left of P. A sits to the immediate left of P. B is not an immediate neighbour of R.
Who sits third to the left of Q?

Ans

A. C

B. A

C. Q

D. D

Q.98 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

A. LON

B. ZCB

C. UYW

D. VYX

Q.99 **Given below are two statements. One is Assertion (A) and the other is Reason (R). Select the correct answer from the options given for these statements.**

Assertion (A): Neutrons contribute to the mass of an atom.
Reason (R): The mass of an atom is the sum of the masses of protons and neutrons present in the nucleus.

Ans

A. A is true, but R is false.

B. A is false, but R is true.

C. Both A and R are true, and R is the correct explanation of A.

D. Both A and R are true, but R is not the correct explanation of A.

Q.100 **Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. Only four boxes are kept between H and E. Only S is kept above H. Only two boxes are kept between F and U. T is kept immediately above G. U is not kept immediately above T.**
Which box is kept fourth from the top?

Ans

A. H

B. G

C. T

D. E