

Co-operative Service Examination Board

Provisional Answerkey For the Post of System Administrator

Notification No : 31/2025

Exam Date : 28-12-2025

Published Date : 29-12-2025

1)What is the basic unit of digital information?

(A)Bit (B)Byte (C)Nibble (D)Word

Correct Answer : **(A)**

2)Which gate output true only when all inputs are true?

(A)OR (B)AND (C)NOT (D)NAND

Correct Answer : **(B)**

3)What does CPU stand for?

(A)Central Processing Unit (B)Central Program Unit (C)Computer Personal Unit (D)Central Process Unit

Correct Answer : **(A)**

4)Which of the following is a type of memory that loses its content when power is turned off?

(A)RAM (B)ROM (C)Flash (D)Cache

Correct Answer : **(A)**

5)What is the primary function of an operating system?

(A)Manage Hardware (B)Provide Security (C)Execute programs (D)All of the above

Correct Answer : **(D)**

6)Which data structure uses LIFO (Last In First Out)?

(A)Queue (B)Stack (C)Array (D)Linked List

Correct Answer : **(B)**

7)In C programming, which operator is used to access a member of a structure?

- (A). (B)-> (C)* (D)&

Correct Answer : **(A)**

8)Which of the following is NOT an OOP concept?

- (A)Encapsulation (B)Inheritance (C)Polymorphism (D)Compilation

Correct Answer : **(D)**

9)What does SQL stand for?

- (A)Structured Query Language (B)Simple Query Language (C)Sequential Query Language (D)Standard Query Language

Correct Answer : **(A)**

10)In Client-Server architecture, what role does the client play?

- (A)Requester (B)Provider (C)Both A and B (D)None of the above

Correct Answer : **(A)**

11)Which protocol is used for secure communication over Internet?

- (A)HTTP (B)FTP (C)HTTPS (D)SMTP

Correct Answer : **(C)**

12)Which SQL clause is used to sort rows in a Table inside a Database?

- (A)GROUP BY (B)ORDER BY (C)SORT BY (D)DISTINCT

Correct Answer : **(B)**

13)Which of the following is a Deadlock prevention technique?

- (A)Hold and wait (B)Resource allocation (C)Circular wait (D)None of these

Correct Answer : **(C)**

14)What is the default subnet mask for a Class C IP address?

(A)255.0.0.0 (B)255.255.0.0 (C)255.255.255.0 (D)255.255.255.255

Correct Answer : **(C)**

15)In Java, which keyword is used to create an object?

(A)new (B)create (C)instantiate (D)object

Correct Answer : **(A)**

16)What is the purpose of a firewall in a network?

(A)To filter traffic (B)To speed up connections (C)To store data (D)To encrypt data

Correct Answer : **(A)**

17)What type of Join returns all records from both tables and fills in NULLS for missing matches?

(A)INNER JOIN (B)LEFT JOIN (C)FULL OUTER JOIN (D)RIGHT JOIN

Correct Answer : **(C)**

18)What is the maximum number of nodes in a binary tree with n levels?

(A) n^2 (B) 2^{n-1} (C) n^n (D) $n + 1$

Correct Answer : **(B)**

19)In which year was C ++ developed?

(A)1979 (B)1983 (C)1985 (D)1990

Correct Answer : **(B)**

20)Which of the following commands is used to create a new database in SQL?

(A)CREATE DATABASE (B)NEW DATABASE (C)ADD DATABASE (D)MAKE DATABASE

Correct Answer : **(A)**

21) Which of the following is an example of a linear data structure?

- (A) Graph (B) Tree (C) Queue (D) Heap

Correct Answer : **(C)**

22) What does ALU stand in the context of a CPU?

- (A) Array Logic Unit (B) Arithmetic Logic Unity (C) Application Layer Unit (D) Abstract Logic Unit

Correct Answer : **(B)**

23) In which data structure can elements be added or removed from both ends efficiently?

- (A) Stack (B) Queue (C) Linked List (D) Deque

Correct Answer : **(D)**

24) Which of the following is not a HTTP method?

- (A) GET (B) POST (C) PUSH (D) DELETE

Correct Answer : **(C)**

25) Which sorting algorithm has the best average-case time complexity?

- (A) Bubble Sort (B) Quick Sort (C) Selection Sort (D) Insertion Sort

Correct Answer : **(B)**

26) What type of relationship exists between classes in inheritance?

- (A) Association (B) Aggregation (C) Composition (D) Generalization

Correct Answer : **(D)**

27) Which command is used to retrieve data from one or more tables in SQL?

- (A) SELECT (B) GET (C) FETCH (D) RETRIEVE

Correct Answer : **(A)**

28)What does DNS stand for in Networking?

(A)Domain Name
System

(B)Data Network
Service

(C)Digital Name
Server

(D)Domain Network
Service

Correct Answer : **(A)**

29)Which layer of the OSI model provides end-to-end communication services for applications?

(A)Transport Layer

(B)Session Layer

(C)Application Layer

(D)Presentation Layer

Correct Answer : **(A)**

30)In C++, which keyword is used to define an abstract class?

(A)Interface

(B)Abstract

(C)Virtual

(D)Class

Correct Answer : **(B)**

31)What does ACID stand for in database management system?

(A)Atomicity,
Consistency,
Isolation, Durability

(B)Accuracy,
Consistency,
Isolation, Durability

(C)Atomicity,
Consistency,
Integrity, Durability

(D)Atomicity,
Consistency,
Isolation,
Dependability

Correct Answer : **(A)**

32)Which of the following protocols operates at the transport layer of the OSI model?

(A)IP

(B)TCP

(C)HTTP

(D)FTP

Correct Answer : **(B)**

33)In object-oriented programming, what does encapsulation refer to?

(A)Hiding data
within classes

(B)Sharing data
between classes

(C)Creating multiple
instances of classes

(D)None of the
above

Correct Answer : **(A)**

34) Which command in SQL is used to remove rows from tables?

- (A) DELETE (B) REMOVE (C) DROP (D) TRUNCATE

Correct Answer : **(A)**

35) What type of topology connects all devices to one central hub or switch?

- (A) Ring Topology (B) Star Topology (C) Mesh Topology (D) Bus Topology

Correct Answer : **(B)**

36) In C language, what will be the output of `printf("%d", 5+3*2);`?

- (A) 11 (B) 16 (C) 10 (D) 8

Correct Answer : **(A)**

37) In Java, which keyword is used to inherit properties from another class?

- (A) extends (B) implements (C) inherits (D) derives

Correct Answer : **(A)**

38) What does "throughput" refer to in networking terms?

- | | | | |
|--|--|---|---|
| (A) The rate at which data is transmitted successfully over a network within a specific period | (B) The speed at which data travels in a channel | (C) The delay before data transmission starts | (D) The total number of packets sent in a network |
|--|--|---|---|

Correct Answer : **(A)**

39) Which of the following is an example of non-relational database?

- (A) MySQL (B) PostgreSQL (C) MongoDB (D) Oracle

Correct Answer : **(C)**

40) In networking, what does NAT stand for?

- | | | | |
|---------------------------------|--------------------------------|------------------------------|---------------------------|
| (A) Network Address Translation | (B) Network Access Translation | (C) Network Allocation Table | (D) Network Address Table |
|---------------------------------|--------------------------------|------------------------------|---------------------------|

Correct Answer : **(A)**

41) Which type of database relationship allows one record in one table to be associated with many records in another table?

- (A) One-to-One (B) One-to-Many (C) Many-to-Many (D) None of the above

Correct Answer : **(B)**

42) Which data structure uses nodes that contain both data and pointers to other nodes?

- (A) Array (B) Linked List (C) Stack (D) Queue

Correct Answer : **(B)**

43) What is the correct syntax to declare a pointer in C?

- (A) int ptr* (B) #int (C) int ptr[] (D) int &ptr;

Correct Answer : **(A)**

44) Which of the following is an example of an abstract data type (ADT)?

- (A) Array (B) Stack (C) Integer (D) Character

Correct Answer : **(B)**

45) What is a composite key?

- (A) A key that is generated automatically (B) A key that is the combination of two or more columns (C) A combination of two tables (D) A key which combines two databases

Correct Answer : **(B)**

46) What type of error occurs when there is an attempt to divide by zero in programming?

- (A) Syntax Error (B) Runtime Error (C) Logical Error (D) Compilation Error

Correct Answer : **(B)**

47) What does "Garbage collection" refer to in programming languages like Java?

- (A) Automatic memory management process (B) Collecting data from users (C) Collecting error logs (D) Collecting input data

Correct Answer : **(A)**

48)What does SSH stand for in networking?

(A)Secure Shell (B)Safe Socket Host (C)Secure Socket Host (D)Simple Shell Host

Correct Answer : **(A)**

49)Which type of database model organizes data into tables that relate to each other through keys?

(A)Hierarchical Model (B)Network Model (C)Relational Model (D)Object-oriented Model

Correct Answer : **(C)**

50)In C++, which operator is used to allocate memory dynamically at runtime?

(A)new (B)malloc (C)calloc (D)allocate

Correct Answer : **(A)**

51)Among the following Rivers, which one is not an 'antecedent river'?

(A)Godavari (B)Indus (C)Ganges (D)Brahmaputra

Correct Answer : **(A)**

52)Which continent is known as the 'Continent of Science'?

(A)Arctic (B)Antarctica (C)Europe (D)Asia

Correct Answer : **(B)**

53)'Coral bleaching' occurs due to ____.

(A)Rise of Ocean temperature (B)Increase in pollution (C)Changes in water quality (D)All of the above

Correct Answer : **(D)**

54)Among the following countries which one is known as 'transcontinental country'?

(A)USA (B)Russia (C)Canada (D)China

Correct Answer : **(B)**

55)Who was the Mughal emperor when the English Ambassador Sir Thomas Roe visited India?

- (A)Akbar (B)Aurangzeb (C)Shahjahan (D)Jahangir

Correct Answer : **(D)**

56)Among the following Indian cities, which are known for the production of Sports Goods?

- (A)Meerut and Jalandhar (B)Mumbai and Pune (C)Ahmedabad and Surat (D)Srinagar and Kanpur

Correct Answer : **(A)**

57)The World Health organization has prescribed the optimum noise level as _____ by day and _____ by night.

- (A)45 db, 35 db (B)25 db, 20 db (C)60 db, 70 db (D)90 db, 100 db

Correct Answer : **(A)**

58)Of the following, which one is not a criterion for Indian citizenship?

- (A)By Birth (B)By Caste (C)By Descent (D)By Naturalization

Correct Answer : **(B)**

59)The first Indian State formed on linguistic basis was _____.

- (A)Uttar Pradesh (B)Andhra Pradesh (C)Gujarat (D)Tamil Nadu

Correct Answer : **(B)**

60)Which of the following is not a function of Payment Banks in India?

- (A)Accept savings and current accounts (B)Issue loans (C)Issue debit card (D)Accept deposits up to a certain limit

Correct Answer : **(B)**

61)The Indian Constitution has _____ schedules.

- (A)Twelve (B)Ten (C)Eleven (D)Nine

Correct Answer : **(A)**

62)The Bank Board Bureau (BBB) was formed to improve the _____.

- | | | | |
|-----------------------|------------------------------------|--------------------------------------|-------------------------------------|
| (A)Functioning of RBI | (B)Working of private sector banks | (C)Governance of public-sector banks | (D)Activities of Co-operative banks |
|-----------------------|------------------------------------|--------------------------------------|-------------------------------------|

Correct Answer : **(C)**

63)Among the following which one is called 'Paper Gold'?

- | | | | |
|------------------|---------|-------------|------------------|
| (A)The US Dollar | (B)SDRs | (C)The Euro | (D)British Pound |
|------------------|---------|-------------|------------------|

Correct Answer : **(B)**

64)The term 'Hindu Growth Rate' was first coined by which economist?

- | | | | |
|----------------|-------------------|-----------------------|----------------|
| (A)Amartya Sen | (B)Raghuram Rajan | (C)Jagadish Bhagavati | (D)Raj Krishna |
|----------------|-------------------|-----------------------|----------------|

Correct Answer : **(D)**

65)Fauja Singh, the veteran who died recently was known in the field of _____.

- | | | | |
|---------------------|-----------|--------------|------------|
| (A)Marathon running | (B)Hockey | (C)Wrestling | (D)Cricket |
|---------------------|-----------|--------------|------------|

Correct Answer : **(A)**

66)The 'PEN Pinter Prize' 2025 was awarded to _____.

- | | | | |
|-------------------|------------------|----------------|------------------|
| (A)Leila Aboulela | (B)Arundhati Roy | (C)Kiran Desai | (D)Hilary Mantel |
|-------------------|------------------|----------------|------------------|

Correct Answer : **(A)**

67)The city 'Badrinath' is situated on the banks of river _____.

- | | | | |
|-----------|-----------------|---------------|-----------|
| (A)Yamuna | (B)Subarnarekha | (C)Alakananda | (D)Sutlej |
|-----------|-----------------|---------------|-----------|

Correct Answer : **(C)**

68)The World Trade organization is headquartered at _____.

- | | | | |
|-----------|------------------|---------------------|-------------|
| (A)Geneva | (B)Washington DC | (C)Brussels sprouts | (D)New York |
|-----------|------------------|---------------------|-------------|

Correct Answer : **(A)**

69)Varsha Deshpande works for the welfare of _____.

(A)Stray Dogs (B)Women and Girls (C)Asiatic Lions (D)Migrant Workers

Correct Answer : **(B)**

70)Who won the Women's Wimbledon Championship for 2025?

(A)Amanda Asinimova (B)Aryana Sabalenka (C)Iga Swiatek (D)Coco Gauff

Correct Answer : **(C)**

71)The All-India Rural Credit Review Committee was appointed by the Reserve Bank of India in July 1965 under the Chairmanship of _____.

(A)Ram Nivas Mirdha (B)B. Venkatappaiah (C)V. L. Metha (D)R. D. Saraiya

Correct Answer : **(B)**

72)"Co-operation is the act of persons voluntarily united for utilizing reciprocally their own forces or resources or both under their mutual management to their common profit or loss " is the definition of Co-operation given by _____.

(A)Herrick (B)M L Darling (C)Mr. Fay (D)Holyoke

Correct Answer : **(A)**

73)Which one of the following is not a Co-operative Principle now?

(A)Open and Voluntary membership (B)Member economic participation (C)Limited interest on capital (D)Concern for Community

Correct Answer : **(C)**

74)If the borrower of a Co-operative credit society dies within the loan repayment period, the Risk Fund pays the principal up to Rs. _____ as per the circular of Risk Fund Scheme dated 27-09-2023.

(A)Rs. 1 Lakh (B)Rs. 1.5 Lakhs (C)Rs. 2 Lakhs (D)Rs. 3 Lakhs

Correct Answer : **(D)**

75)The Headquarters of Tribhuvan Sahkari University is at_____.

- (A)Mumbai (B)Anand, Gujrat (C)New Delhi (D)Lucknow, UP

Correct Answer : **(B)**

76)How many scheduled Urban Co-operative Banks are there in Kerala?

- (A)1 (B)5 (C)7 (D)None

Correct Answer : **(D)**

77)The Current Repo Rate as announced by RBI's Governor on 6th December 2025 is _____.

- (A)5% (B)5.25% (C)5.5% (D)6%

Correct Answer : **(B)**

78)_____ conducts on-site and off-site Inspection of State Co-operative Banks.

- (A)RBI (B)NABARD (C)Registrar of Co-operative Societies (D)Audit Director

Correct Answer : **(B)**

79)The RBI Act was passed in 1934, and the Reserve Bank of India was established on ____.

- (A)April 1, 1935 (B)April 1, 1934 (C)March 1, 1934 (D)March 1, 1935

Correct Answer : **(A)**

80)NEFT settlement is done in _____.

- (A)Real time (B)Daily batches (C)Half hourly batches (D)Hourly batches

Correct Answer : **(C)**

81)In a certain code language DEMOCRATIC is written as EDMORCATCI. If so, how CONTINUOUS will be written in that language?

- (A)OCTNNIOUSU (B)OCNTNIUOSU (C)OTCNINUOUS (D)CONNITUOSU

Correct Answer : **(B)**

82)Find the missing group of alphabets:

EFTS, IJPO, _____, QRHG

(A)KLMN

(B)MNLK

(C)NMKL

(D)MNKL

Correct Answer : **(B)**

83)The following question consists of two pairs of letters/words which have a certain relationship with each other. Select the missing letter/word:

L : O :: D : ?

(A)W

(B)X

(C)Y

(D)Z

Correct Answer : **(A)**

84)The following question consists of two pairs of letters/words which have a certain relationship with each other. Select the missing word:

OCEAN : DESERT :: WAVES : ?

(A)RIPPLES

(B)SAND DUNES

(C)DUST

(D)SEA

Correct Answer : **(B)**

85)Find out the missing letter:

X, S, O, ____, J, I

(A)N

(B)M

(C)L

(D)A

Correct Answer : **(C)**

86)The time on a clock is 12.45. What is the time shown by its reflection in the mirror?

(A)11.15

(B)12.15

(C)11.45

(D)11.05

Correct Answer : **(A)**

87)If today is Sunday, what day of the week will it be after 63 days?

(A)Saturday

(B)Sunday

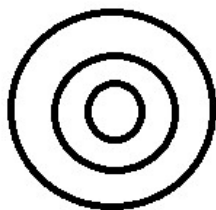
(C)Monday

(D)Friday

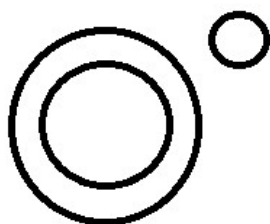
Correct Answer : **(B)**

88) Which Venn diagram best represents the relationship between Rhombus, Quadrilaterals and Polygons?

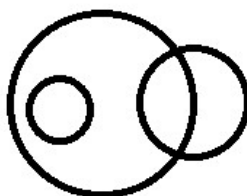
(A)



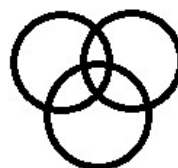
(B)



(C)

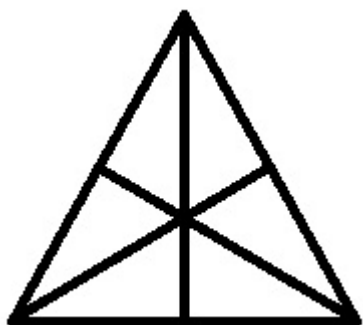


(D)



Correct Answer : **(A)**

89) How many triangles are there in the given figure?



(A) 8

(B) 16

(C) 20

(D) 21

Correct Answer : **(B)**

90) Q's mother is sister of P and daughter of M. S is the daughter of P and sister of T. How M is related to T?

(A) Father

(B) Grandfather

(C) Grandmother

(D) Either Grandfather or Grandmother

Correct Answer : **(D)**

91) Complete the sentence choosing the right quantifier:

I have seen her _____ times this year, but not very often.

(A) A little

(B) A few

(C) Much

(D) Many

Correct Answer : **(B)**

92) Complete the sentence with suitable preposition:

He waded _____ the sea alone.

- (A) in (B) on (C) to (D) into

Correct Answer : **(D)**

93) Match the pronouns in List I with their names in List II and choose the most appropriate answer from the options given below:

List I

- a. What
- b. myself
- c. his
- d. some where

List II

- i. reflexive
- ii. relative
- iii. indefinite
- iv. possessive

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

Correct Answer : **(B)**

94) Complete the sentence with suitable phrasal verb:

The lady _____ to be a close relative of ours.

- (A) turned up (B) turned out (C) turned in (D) turned about

Correct Answer : **(B)**

95) Fill in the blank with appropriate word:

The ship waited till the storm _____ before sailing out to sea.

- (A) Exhausted (B) Evaporated (C) Normalized (D) Abated

Correct Answer : **(D)**

96) Choose the word opposite in meaning to:

'PERSPICUITY'

- (A) Opacity (B) Lucidity (C) Limpidity (D) Explicitness

Correct Answer : **(A)**

97)Choose the one word which can be substituted for the given idea:

'A position that requires little or no work but provides high salary and other benefits'

(A)Trustee (B)Director (C)Emeritus (D)Sinecure

Correct Answer : **(D)**

98)What is the exact meaning of the idiom 'Make a beeline' ?

(A)Stand in a queue (B)Stand impatient (C)Go straight to something (D)Be crazy about something

Correct Answer : **(C)**

99)Find out whether there is any grammatical error in the given sentence. The erroneous part is your answer. If there is no error, Select 'D'.

Children washed their hands after they played with a new-born puppy.

(A)Children washed their hands (B)after they played (C)with a new-born puppy (D)No error

Correct Answer : **(B)**

100)Select the option which best expresses the given sentence in Passive voice.

The Greeks expected to win the international trophy.

(A)The international trophy was expected to be won by the Greeks (B)It was expected that the Greeks would win the international trophy (C)It was expected that the Greeks will win the international trophy (D)It was expected by the Greeks that they would win the international trophy

Correct Answer : **(D)**

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Date : 29-12-2025

Secretary

Place : Thiruvananthapuram

Co-Operative Service Examination Board

**N.B.COMPLAINTS IF ANY SHOULD BE PREFERRED ON OR BEFORE 03-01-2026
THROUGH THE CANDIDATE PROFILE**