

Co-operative Service Examination Board

Provisional Answerkey For the Post of System Administrator

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1)To interface a computer terminal with a modem, the required physical layer standard is:

- (A)RS424-A (B)RS232-C (C)RS449 (D)Either A or B

Correct Answer : **(B)**

2)In C, what is storage class for variable A in below code?

```
void main()
{
int A;
A=10;
Printf("%d", A);
}
```

- (A)Extern (B)Auto (C)Register (D)Static

Correct Answer : **(B)**

3)Representation of data structure in memory is known as:

- (A)Recursive (B)Abstract data type (C)Storage structure (D)File structure

Correct Answer : **(B)**

4)A relational database developer refers to a record as:

- (A)A criteria (B)A relation (C)A tuple (D)An attribute

Correct Answer : **(C)**

5)Distributed Queue Dual Bus is a standard for:

- (A)LAN (B)MAN (C)WAN (D)Wireless LAN

Correct Answer : **(B)**

6) A terminal node in a binary tree is called:

- (A) Root (B) Leaf (C) Child (D) Branch

Correct Answer : **(B)**

7) ____ is the process of successive reduction of a given set of relations to better form.

- (A) Normalization (B) Denormalization (C) Composition (D) Decomposition

Correct Answer : **(A)**

8) What does the acronym of ISDN stand for?

- (A) Indian Standard Digital Network (B) Integrated Services Digital Network (C) Intelligent Service Digital Network (D) Integrated Services Data Network

Correct Answer : **(B)**

9) A Silicon Controlled Rectifier (SCR) has ____ junctions.

- (A) 4 (B) 3 (C) 2 (D) 1

Correct Answer : **(B)**

10) ____ is a digital circuit that is capable of storing only a single bit.

- (A) Flip-flop (B) NOR gate (C) XOR gate (D) Register

Correct Answer : **(A)**

11) What does the study of an existing system refer to?

- (A) Details of DFD (B) Feasibility Study (C) System Analysis (D) System Planning

Correct Answer : **(C)**

12) ____ is a high-performance fiber optic token ring LAN running at 100 Mbps.

- (A) FDDI (B) FDDR (C) FDDT (D) FOTR

Correct Answer : **(A)**

13)_____ is a memory management scheme that permits the physical address space of a process to be non-contiguous.

- (A)Paging (B)Segmentation (C)Faults (D)Main memory

Correct Answer : **(A)**

14)RG-59 category cables are used for:

- (A)Telephone (B)LAN (C)Cable TV networks (D)None of these

Correct Answer : **(C)**

15)Match the following:

- | | |
|----------|-----------------------|
| (P) SMTP | (1) Application layer |
| (Q) BGP | (2) Transport layer |
| (R) TCP | (3) Data link layer |
| (S) PPP | (4) Network layer |
| | (5) Physical layer |

- (A)P-2 Q-1 R-3 S-5 (B)P-1 Q-4 R-2 S-3 (C)P-1 Q-4 R-2 S-5 (D)P-2 Q-4 R-1 S-3

Correct Answer : **(B)**

16)What is the right way to initialize an array?

- | | | | |
|-------------------------------------|----------------------------------|----------------------------|---------------------------------|
| (A)int num[6] =
{2,4,12,5,45,5}; | (B)int n{} =
{2,4,12,5,45,5}; | (C)int n{6} =
{2,4,12}; | (D)int n(6)=
{2,4,12,5,45,5} |
|-------------------------------------|----------------------------------|----------------------------|---------------------------------|

Correct Answer : **(A)**

17)A network of physical objects or things embedded with electronics or software is known as:

- (A)AI (B)ML (C)IOT (D)Internet

Correct Answer : **(C)**

18)Who is the father of Software Engineering?

- (A)Margaret Hamilton (B)Watts. S. Humphrey (C)Alan Turing (D)Boris Beizer

Correct Answer : **(B)**

19) ____ is identified as a fourth-generation language.

- (A) Unix shell (B) C++ (C) COBOL (D) FORTRAN

Correct Answer : **(A)**

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

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

Correct Answer : **(B)**

21) 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)**

22) Which is the default layout manager of an Applet?

- (A) Flow layout (B) Grid layout (C) Border layout (D) Box layout

Correct Answer : **(A)**

23) In Unix, which system call creates the new process?

- (A) create (B) fork (C) new (D) none of these

Correct Answer : **(B)**

24) Which of the following operators has the highest precedence in C expressions?

- (A) + and - (B) * and / (C) && and || (D) !

Correct Answer : **(D)**

25) Which of the following is not a numeric data type?

- (A) Tinyint (B) Smallint (C) Boolean (D) Date

Correct Answer : **(D)**

26) Which of the following device is used in the network layer?

- (A) Application gateway (B) Switch (C) Router (D) Repeaters

Correct Answer : **(C)**

27) The port number used by SMTP e-mail is:

- (A) 21 (B) 23 (C) 25 (D) 80

Correct Answer : **(C)**

28) Dijkstra's algorithm facilitates:

- (A) Multipathing (B) Shortest Path Routing (C) Isolated Routing (D) Centralized Routing

Correct Answer : **(B)**

29) One can convert a binary tree into its mirror image by traversing it in:

- (A) inorder (B) preorder (C) postorder (D) any order

Correct Answer : **(C)**

30) In the IPv4 addressing format, the number of networks allowed under Class C address is:

- (A) 2^{14} (B) 2^7 (C) 2^{24} (D) 2^{21}

Correct Answer : **(D)**

31) What is the radix of octal number system?

- (A) 2 (B) 10 (C) 8 (D) 16

Correct Answer : **(C)**

32) A group of characters used to identify a given low-level instruction is:

- (A) File (B) Record (C) Key field (D) Label

Correct Answer : **(D)**

33)The arrangements where all data pass through a central computer is known as:

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

Correct Answer : **(C)**

34)Which keyword is used to prevent any changes in the variable within a C program?

(A)immutable (B)mutable (C)const (D)volatile

Correct Answer : **(C)**

35)A middleware layer between the stub skeleton and transport is:

(A)remote layer (B)instruction layer (C)reference layer (D)remote reference layer

Correct Answer : **(D)**

36)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)**

37)The time required for the fetching and execution of one simple machine instruction is:

(A)Delay time (B)CPU Cycle (C)Real time (D)Seek time

Correct Answer : **(B)**

38)Which of the following is not a valid C variable name?

(A)int number; (B)float rate; (C)int varaible_count; (D)int \$main;

Correct Answer : **(D)**

39)The name of the protocol which provides virtual terminal in TCP/IP model is:

(A)Telnet (B)SMTP (C)HTTP (D)None of the above

Correct Answer : **(A)**

40)Software patch is defined as:

(A)Daily or routine fix (B)Required or Critical fix (C)Emergency fix (D)Normal Fix

Correct Answer : **(C)**

41)What MySQL property is used to create a surrogate key in MySQL?

(A)UNIQUE (B)SEQUENCE (C)AUTO_INCREMENT (D)None of the above

Correct Answer : **(C)**

42)Which of the following is not a data type in PHP?

(A)string (B)integer (C)float (D)char

Correct Answer : **(D)**

43)A data item, which is not broken down into smaller units, is:

(A)Data element (B)Elementary data item (C)Data entry (D)Database management

Correct Answer : **(B)**

44)RFID stand for:

(A)Random Frequency Identification (B)Radio Frequency Identification (C)Random Frequency Information (D)Radio Frequency Information

Correct Answer : **(B)**

45)Which operator overloads using the friend function?

(A)* (B>() (C)-> (D)=

Correct Answer : **(A)**

46)The process of direct mapping by using some faster algorithms is called as ____.

(A)hashing (B)searching (C)sorting (D)indexing

Correct Answer : **(A)**

47) Out of the following, which package contains the exception stack overflow in Java?

- (A) java.lang (B) java.util (C) java.io (D) java.system

Correct Answer : **(A)**

48) Devices on one network can communicate with devices on another network via a ____.

- (A) File server (B) Utility server (C) Printer server (D) Gateway

Correct Answer : **(D)**

49) What is the binary number equivalent to the decimal number 13?

- (A) 1011 (B) 1101 (C) 1110 (D) 1001

Correct Answer : **(B)**

50) ____ means same content, but different forms.

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

Correct Answer : **(D)**

51) Who was the first Co-operative Minister in Kerala?

- (A) V. R. Krishna Iyer (B) Joseph Mundassery (C) T. V. Thomas (D) K. R. Gowri Amma

Correct Answer : **(B)**

52) The Coir Co-operatives in Kerala is of ____ tier.

- (A) 2 (B) Single (C) 3 (D) 4

Correct Answer : **(A)**

53) Who is the present Kerala Bank President?

- (A) Gopi Kottamurikkal (B) Koliakkode N Krishnan Nair (C) M. K. Kannan (D) P. Mohanan

Correct Answer : **(D)**

54) KICMA located at ____ is run by ____.

- | | | | |
|--|-------------------------------------|--|--|
| (A) Neyyar Dam, State Co-operative Union | (B) Mavila, Co-operative department | (C) Poojappura, Kerala State Co-operative Agriculture Rural Development Bank | (D) Oottukuzhy, Institute of Co-operative Management |
|--|-------------------------------------|--|--|

Correct Answer : **(A)**

55) Who said the following:

"All our enthusiasm in the world will not be enough unless we have trained Co-operatives"

- | | | | |
|-----------------|-----------------|----------------------|------------------|
| (A) Robert Owen | (B) V. L. Mehta | (C) Jawaharlal Nehru | (D) D. R. Gadgil |
|-----------------|-----------------|----------------------|------------------|

Correct Answer : **(C)**

56) Endorsement has been defined under:

- | | | | |
|------------------------|---------------------------------------|---|------------------------------------|
| (A) Section 15 RBI Act | (B) Section 15 Banking Regulation Act | (C) Section 15 Negotiable Instruments Act | (D) Section 15 Indian Contract Act |
|------------------------|---------------------------------------|---|------------------------------------|

Correct Answer : **(C)**

57) Rupay, Visa, Master Card and AMEX are:

- | | | | |
|---------------------------|----------------------|-----------------|-----------------------------|
| (A) card issuing agencies | (B) payment gateways | (C) Debit cards | (D) Card settlement systems |
|---------------------------|----------------------|-----------------|-----------------------------|

Correct Answer : **(D)**

58) ATMs set up, owned and operated by non-banking entities are called:

- | | | | |
|----------------------|----------------------|----------------------|-----------------------|
| (A) Brown Label ATMs | (B) White Label ATMs | (C) Stand Alone ATMs | (D) None of the above |
|----------------------|----------------------|----------------------|-----------------------|

Correct Answer : **(B)**

59) A contract of insurance is a contract of:

- | | | | |
|---------------|------------|---------------|-------------------|
| (A) Indemnity | (B) Pledge | (C) Guarantee | (D) Hypothecation |
|---------------|------------|---------------|-------------------|

Correct Answer : **(A)**

60)A cheque becomes stale after how many months of the date of issue?

- (A)Three months (B)Six months (C)One month (D)Five months

Correct Answer : **(A)**

61)How many numbers are there from 9 to 99 which are exactly divisible by 9, but not by 3?

- (A)Three (B)Five (C)Two (D)None

Correct Answer : **(D)**

62)Find the correct alternative to complete the series.

a b _ _ d _ _ _ b _ _ d m _ _ _ x _ _ _ .

- (A)x m a x a b d a (B)x m a x a b d m (C)m x a x a b d m (D)m x a x b a d m

Correct Answer : **(B)**

63)Select the pair that expresses a relationship similar to that expressed in the given pair:

Rhythm : Rhyme :: _____ : _____.

- (A)Poet : Versifier (B)Music : Composer (C)Prose : Poetry (D)Versification : Scansion

Correct Answer : **(D)**

64)7KN4 is related to 8MM2 in a certain way. In the same way 3QS5 is related to 4SR3. Following the same logic, to which of the options is 6PV8 related?

- (A)8QS4 (B)5SU4 (C)7RU6 (D)4NT6

Correct Answer : **(C)**

65)The following question consists of two pairs of letters which have a certain relationship with each other. Find the missing letter.

L:O :: D: ?

- (A)W (B)X (C)Y (D)Z

Correct Answer : **(A)**

66)One of the terms in the number series is wrong. Find out the wrong term.

1788, 892, 444, 220, 112, 52, 24

(A)52

(B)112

(C)220

(D)444

Correct Answer : **(B)**

67)One of the terms in the given series does not match with others. Which is the odd one?

FUGT, HSIR, JPKT, LOMN

(A)HSIR

(B)JPKT

(C)FUGT

(D)LOMN

Correct Answer : **(B)**

68)If the 1st and 2nd letters in the word 'COMMUNICATIONS' were interchanged, also the 3rd and 4th letters, the 5th and 6th letters and so on, which letter would be the 10th, counting from the right?

(A)U

(B)A

(C)T

(D)N

Correct Answer : **(D)**

69)In a queue Shalini is 18th from the front and Vikram is 20th from the back. There are more than 10, but fewer than 15, people between them, and the total number of people is a multiple of 7. How many people are in the queue, and how many are between them?

(A)42, 10

(B)49, 11

(C)56, 12

(D)63, 13

Correct Answer : **(B)**

70)Pointing to a gentleman, Anand said "His only brother is the father of my daughter's father". How is the gentleman related to Anand?

(A)Father

(B)Grandfather

(C)Uncle

(D)Brother-in-law

Correct Answer : **(C)**

71)What is the name of the UN body that settles legal disputes between member states?

(A)General
Assembly

(B)Security
Council

(C)International Court of
Justice

(D)Human Rights
Council

Correct Answer : **(C)**

72)The voluntary freedom fighter who killed Lieutenant Governor Michael O'Dwyer, the British officer responsible for the Jallianwala Bagh massacre, in revenge after 21 years.

(A)Bhagat Singh (B)Mangal Pandey (C)Chandrashekhar Azad (D)Udham Singh

Correct Answer : **(D)**

73)Which Medieval dynasty later become known as the Travancore Dynasty?

(A)Kulasekhara (B)Venaad (C)Chera (D)Kovilakam

Correct Answer : **(B)**

74)Who founded the Ramakrishna Mission in 1897?

(A)Ramakrishna Paramahansa (B)Swami Dayananda Saraswathi (C)Swami Vivekanandan (D)Rajaram Mohan Roy

Correct Answer : **(C)**

75)What is the chronological order of the following important events?

1. Indian Space Research Organization formed under the Department of Space.
2. Rabindra Nath Tagore Won the Nobel Prize for Literature
3. The world's first communist government elected through ballot paper came to power in Kerala.
4. Conflict over disputed area on the India-China border.

(A)2-3-4-1 (B)3-2-1-4 (C)4-1-2-3 (D)1-4-3-2

Correct Answer : **(A)**

76)Former Kerala Chief Minister V. S. Achuthanandan, was elected as an MLA from which constituency and became the Chief Minister?

(A)Alappuzha (B)Malampuzha (C)Maararikulam (D)Thalasseri

Correct Answer : **(B)**

77)Which policy-making body was formed by the Government of India in 2015 to replace the Planning Commission of India, which was formed in 1950 and dissolved in 2014?

(A)National Development Council (B)Central Advisory Council (C)Finance Commission (D)NITI Aayog

Correct Answer : **(D)**

78)The first linguistic State formed in India in 1953, following significant public agitation.

(A)Andhra Pradesh (B)Tamil Nadu (C)Maharashtra (D)Karnataka

Correct Answer : **(A)**

79)Who was the President of India when the state of National Emergency was declared officially?

(A)Zail Singh (B)Fakhruddin Ali Ahmad (C)V. V. Giri (D)Zahir Hussain

Correct Answer : **(B)**

80)On which date is Indian Constitution Day celebrated every year?

(A)January 26 (B)March 31 (C)October 2 (D)November 26

Correct Answer : **(D)**

81)Panipat, a city of historical importance where major battles between various dynasties took place, is today a major industrial city. In which State is Panipat now located?

(A)Uttar Pradesh (B)Haryana (C)Punjab (D)Bihar

Correct Answer : **(B)**

82)Which of the following States is not included in the Seven Sisters of the Northeastern States?

(A)Meghalaya (B)Arunachal Pradesh (C)Sikkim (D)Tripura

Correct Answer : **(C)**

83)Which continent has the most number of countries?

(A)Africa (B)Asia (C)Europe (D)North America

Correct Answer : **(A)**

84)The mysterious and famous Bermuda triangle is located in which ocean?

(A)Atlantic Ocean (B)Arctic Ocean (C)Pacific Ocean (D)Indian Ocean

Correct Answer : **(A)**

85) Which district in Kerala has the highest number of rivers flowing?

(A) Ernakulam (B) Idukki (C) Kasaragod (D) Thiruvananthapuram

Correct Answer : **(C)**

86) What does the Silver Revolution mean among the various agricultural revolutions?

(A) Cotton production (B) Sugar production (C) Milk production (D) Egg production

Correct Answer : **(D)**

87) Ustad Amjad Ali Khan, a renowned musician from India is known for playing which of the following instruments?

(A) Tabla (B) Sarod (C) Flute (D) Sitar

Correct Answer : **(B)**

88) Eden Gardens, the oldest and most famous cricket stadium in India, established in 1864, is located in which city?

(A) Mumbai (B) Ahmedabad (C) Kolkata (D) Lucknow

Correct Answer : **(C)**

89) Which is the first State in India to establish a Senior Citizens Commission to address the challenges faced by the elderly, such as neglect, exploitation, and abuse?

(A) Kerala (B) Tamil Nadu (C) Delhi (D) Nagaland

Correct Answer : **(A)**

90) Maharashtra Governor C. P. Radhakrishnan was recently elected as the 15th Vice President of India. Who was the opponent candidate in the election?

(A) Jagdeep Dhankhar (B) Om Birla (C) Gyanesh Kumar (D) Justice B Sudershan Reddy

Correct Answer : **(D)**

91) '**Do not park your vehicles here**'. What type of sentence is this?

(A) Assertive sentence (B) Imperative sentence (C) Declarative sentence (D) Optative sentence

Correct Answer : **(B)**

92)Supply the correct question tag to the statement below:

I think our candidates will be honest during the examination, _____?

- (A)won't they (B)will they (C)don't they (D)isn't it

Correct Answer : **(A)**

93)Change the below sentence into comparative degree:

"Kerala Blasters fans are the most electrifying fans army in Indian football"

- | | | | |
|---|--|--|--|
| (A)Kerala Blasters fans are very electrifying fans army in Indian football. | (B)No other fans are electrifying as that of Kerala Blasters fans army in Indian football. | (C)Kerala Blasters fans are more electrifying than any other fans army in Indian football. | (D)Kerala Blasters fans army are more electrifying in Indian football. |
|---|--|--|--|

Correct Answer : **(C)**

94)Choose the incorrectly spelt word from the following.

- (A)entrepreneur (B)intelligentsia (C)embarrassment (D)accommodation

Correct Answer : **(A)**

95)Fill in the blank with the most suitable preposition.

• **Can you tell an iPhone _____ an Android phone?**

- (A)between (B)from (C)with (D)over

Correct Answer : **(A)**

96)Identify the grammatically correct sentence.

- | | | | |
|--|---|---|---|
| (A)My uncle said that all that glittered was not gold. | (B)My uncle said that all that glittered is not gold. | (C)My uncle said that all that glitters is not gold | (D)My uncle said that all that glitters are not gold. |
|--|---|---|---|

Correct Answer : **(C)**

97)Which of the following sentences is in good English?

- | | | | |
|---|---|---|--|
| (A)We must dispose off all the old furnitures and equipments. | (B)We must dispose of all the old furniture and equipments. | (C)We must dispose off all the old furniture and equipment. | (D)We must dispose of all the old furniture and equipment. |
|---|---|---|--|

Correct Answer : **(D)**

98) Pick out the correct meaning of the following portmanteau.

• **Brunch**

(A) Bread and
crunch

(B) Breakfast-cum-lunch

(C) Broth-cum-munch

(D) Brulee and
dunch

Correct Answer : **(B)**

99) Which of the following words means '**That which cannot be erased**'?

(A) Invincible

(B) Infallible

(C) Inevitable

(D) Indelible

Correct Answer : **(D)**

100) Mark the correct expansion of the abbreviation 'URL'.

(A) Ultimate Router
Link

(B) Universal
Reference Library

(C) Uniform
Resource Locator

(D) User Research
Laboratory

Correct Answer : **(C)**

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Date : 05-05-2026

Secretary

Place : Thiruvananthapuram

Co-Operative Service Examination Board

**N.B.COMPLAINTS IF ANY SHOULD BE PREFERRED ON OR BEFORE 10-05-2026
THROUGH THE CANDIDATE PROFILE**