2026 CAPGEMINI TEST-2

Test Summary

* No. of Sections: 3
* No. of Questions: 47
* Total Duration: 90 min

Section 1 - VERBAL

Section Summary

* No. of Questions: 20
* Duration: 20 min

Additional Instructions:

None

Q1.

**Mark the option best suited to replace the underlined portion of the sentence given below:**

Barry appreciated me for what I have done

None of the mentioned options

Have been doing

Have been done

Had done

Q2.

**Which part of the sentence given below has an error in it?**

A time slot of fifteen minutes/ is allow to each speaker/ in the extempore competition.

A time slot of fifteen minutes

Is allow to each speaker

In the extempore competition

No error

Q3.

**Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error mark 5 as the answer.**

(1) The children / (2) in this orphanage / (3) take care of /(4) each other / (5) No error

1

2

3

4

5

Q4.

**Mark the option containing the word that has been used incorrectly in the sentence given below**

Phones was not permitted in our college

was

permitted

phones

None of these

Q5.

**Mark the option which best expresses the given sentence in indirect speech.**

He replied, "How can I turn away the father, who raised me and taught me"?

He replied that he cannot turn away the father, who raised him and taught him

None of the mentioned options

He replied how can I turn away the father, who raised me and taught me

He replied that he could not turn away the father, who raised him and taught him

Q6.

**A number of sentences are given below which, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the four given choices to construct a coherent paragraph.**

A. In rural villages, nationwide last year, State Grid's "Power For All" project ran electric lines to 545,000 previously, unserved households, offering the occupants free power indefinitely.

B. The Beijing-based utility turned to what it knows best: electricity.

C. "We transformed people's lives",, says Linuji, the project's chief.

D. Families bought their first refrigerators, televisions, even computers.

E. State Grid corporation wanted to do good in Chinese communities.

BEACD

ADCEB

ECADB

EBADC

Q7.

**Pick out the best alternative for the underlined part of the sentence.**

India has the largest number of cattles of all other countries of the world.

cattles of all other countries of the world

cattles of all the countries of the world

cattle of all other countries of the world

cattle of all the countries of the world

Q8.

**Complete the following sentence with the right option.**

As forecasted by WHO, the disease has gone into \_\_\_\_\_\_; this may not recur for many years.

treatment

sequestration

quarantine

oblivion

Q9.

**Choose the best replacement for the underlined part of the sentence:**

She firmly belief is that exercise is the permanent solution to any disease.

Her firmly belief

She is firm in belief

she firmly believes

Her firm belief

Q10.

**Read the statement given below and decide whether it is a Fact, an inference, or a judgement:**

More than 50 students participated in the dance competition yesterday.

judgement

inference

fact

Q11.

**Which part of the sentence given below has an error in it?**

Parker found / ten rupees / as he cleans / the floor.

Parker found

the floor

as he cleans

ten rupees

Q12.

**Choose the best replacement for the underline part of the sentence:**

This is exactly what he wanted me to solve the issue.

how did he want me

how does he want me

how he wanted me

what he wants from I

Q13.

**Mark the option which best expresses the given sentence in indirect speech**

Rowan said to jean, "I don't believe you,"

Rowan said he didn't believe jean

Rowan said to jean he didn't believe her.

Rowan told jean he didn't believe her.

Rowan told to jean I don't believe you.

Q14.

**The sentence is divided into parts 1,2,3 and 4. Identify the part with error and if there is no error mark 4 as the answer:**

There are (1) / no poetries (2) / in my book. (3) / No error. (4)

1

2

3

4

Q15.

**Mark the option best suited to replace the underlined portion of the sentence given below:**

He is driving fast when the accident happened.

None of the mentioned options

will be driving

was driving

will driving

Q16.

**Fill in the blank by choosing the right word from the options.**

That's not how it is today and by 2030 technology will have advanced to the point that even the idea of owning objects might be \_\_\_\_\_.

obsolete

accuracy

extinction

discord

Q17.

**Choose the best replacement for the underlined part of the sentence.**

The short story should not exceed more than five hundred works

exceed

exceed over

more exceed

exceed than

Q18.

**Mark the option which best expresses the sentence in passive voice:**

Some individuals were helping the hurt woman.

the hurt woman was helped by some individual

Some individuals helped the hurt woman

the hurt woman is being helped by some individuals

The hurt woman was being helped by some individuals

Q19.

**Mark the option best suited to replace the underlined portion of the sentence given below.**

Riley can fluently speaks in three languages - Mandarin, Japanese, and Cantonese.

speaking

speak

to speak

spoken

Q20.

**Mark the option which best expresses the given sentence in Indirect speech.**

“You have all performed poorly in the business studies test!” remarked the class teacher.

The class teacher said that you all had performed poorly in the business studies test.

The class teacher remarked that they all had performed poorly in the business studies test.

The class teacher remarked that you all have performed poorly in the business studies test.

They were told by the class teacher that they had performed poorly in the business studies test.

Section 2 - Q&R

Section Summary

* No. of Questions: 15
* Duration: 20 min

Additional Instructions:

None

Q1.

A screenshot of a game

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A & D

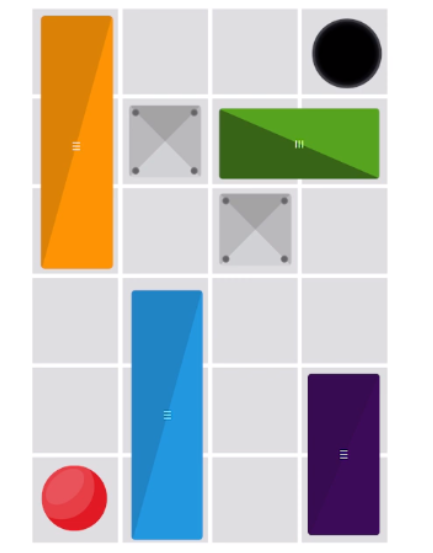
B & A

B & C

C & D

Q2.

Move the red ball to the hole (marked black) in the given grid.



find the required moves from the following

i. Purple block – 1 position leftward and 1 position upward

ii. Green block – 1 position upward and 1 position leftward

iii. Blue block – 1 position upward

i,ii,iii

ii,i,iii

iii,i,ii

iii,ii, i

Q3.

Identify the pattern in which the question grids are coloured and following the same pattern colour the given grids.

A screenshot of a quiz

AI-generated content may be incorrect.

B & C

A & D

C & D

A & C

Q4.

Number Puzzle: Find the missing number?

A grid of numbers and a question mark

AI-generated content may be incorrect.

3

5

6

9

Q5.

A sentence is broken into the following parts. Mark the option containing the correct sentence:

1.In the super Tuesday contests in 14 states

2.And America samoa, a US territory

3.Millions of voters will participate

4.which include california, New York, Alabama

1234

2314

3142

3214

Q6.

Determine the relationship between the pair of capitalized words and then select the pair of words which has a similar relationship to the capitalized words and mark the number of that pair in the appropriate box in the answer sheet.

AMULET : SPIRITS : :

Pendant : Neck

Sack : Back

Muffler : Cold

Glove : Hand

Q7.

In how many ways can 3 women be selected out of 15 women; if one particular woman is always included and two particular women are always excluded?

66

77

88

99

Q8.

What percent of 2/9 is 3/45?

20.5%

10%

20%

30%

Q9.

A and B working separately can finish a work in 12 and 18 days- respectively. If they work together for 5 days and then A goes away, in how many days will B complete the work?

5 days

6.5 days

6 days

5.5 days

Q10.

A is the father of B, B is the sister of C, D is the son of C, and E is the daughter of C. How is A related to D?

Grandmother

Grandfather

Uncle

Granduncle

Q11.

In the given figure, AB || CD, with some measures given, the measure of <ABO is

A rectangular object with numbers and a triangle

AI-generated content may be incorrect.

35º

95º

30º

None of these

Q12.

A train overtakes two persons who are walking in the same direction in which the train is going, at the rate of 2 kmph and 4 kmph and passes them completely in 9 seconds and 10 seconds respectively. The length of the train (in metres) is

45

54

50

72

Q13.

Kanmani ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it. How many boys were there in the class?

35

45

50

55

Q14.

The values of x and y that simultaneously satisfy the equations 2x + 3y = 5 and 7x – 4y = 3 are

0, 1

1, 0

–1, 1

1, 1

Q15.

A copper wire when bent in the form of a square encloses an area of 121 sq. cm. If the same wire is bent into the form of a circle, then the area of the circle is

144 sq.cm

154 sq.cm

164 sq.cm

174 sq.cm

Section 3 - TECHNICAL

Section Summary

* No. of Questions: 12
* Duration: 50 min

Additional Instructions:

None

Q1.

What is the number of vertices of degree 2 in a path graph having n vertices,here n>2.

n-2

n

2

0

Q2.

Which of the following is not a disadvantage to the usage of an array?

Fixed size

There are chances of wastage of memory space if elements inserted in an array are lesser than the allocated size

Insertion based on position

Accessing elements at specified positions

Q3.

What will be the output of the following pseudocode?

A screenshot of a computer

AI-generated content may be incorrect.

[Note: ^ The bitwise exclusive OR operator(^) compares each bit of its first operands to the corresponding bit of its second operator.

 The corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0].

2

4

9

-3

Q4.

What is the value of b at the end of the pseudocode?

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AI-generated content may be incorrect.

7

5

4

6

Q5.

What is the output of this program?

A screenshot of a computer

AI-generated content may be incorrect.

1

0

Compile Time Error

Runtime Error

Q6.

Which sorting algorithm is implemented in the below pseudocode?

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Insertion sort

Shell sort

Quick Sort

Heap sort

Q7.

In worst case, the number of comparison need to search a singly linked list of length n for a given element is

log n

n/2

log2n-1

n

Q8.

Linked lists are not suitable for the implementation of?

Insertion sort

Radix sort

Polynomial manipulation

Binary search

Q9.

What will be the output of the following program?

A screenshot of a computer code

AI-generated content may be incorrect.

25

27

19

None of the mentioned options

Q10.

Consider a stack of integers.

The stack is allocated 5 memory cells.

STACK : 1, 3, 3, \_, \_

The following operations are performed on the stack :

i) PUSH(STACK,4)

ii) PUSH(STACK,10)

iii) POP(STACK,ITEM)

What value will be stored in ITEM?

10

3

1

4

Q11.

Write a program that checks whether there exists two elements in an integer array which sum up to the given input value.

Input Format

Input contains of three lines where

* First line consists of a single integer(Size of the array)
* Second line consists of the elements of the array separated by a space
* Third line consists of the sum value for which the array is to searched

All the inputs are integers.

Output Format

Output displays Yes or No Pair. If Yes, the first pair of integers that sum up to the given value is displayed as shown in the sample test cases.

If constraints violated, print Invalid.

Constraints

0<Size of the array <=10

Sample Input

5

1 2 3 4 5

4

Sample Output

Yes:1 3

Sample Input

4

1 2 58 7

6

Sample Output

No Pair

Sample Input

11

1 2 3 4 5 6 7 8 9 10 11

5

Sample Output

Invalid

Time Limit: 10 ms Memory Limit: 256 kb Code Size: 1024 kb

Q12.

**Library Time table**

With the initiative of the Students Council of Sherland State University, the College Management has inaugurated a mini library in the hostel premises.There are N students living in the hostel. Any student can use the library but on a condition that only one student should avail it at a time. Based on this condition, the Hostel Warden came up with a timetable for library's usage in order to avoid the conflicts:

• The first student starts to use the library at the time O and should finish the reading not later than at the time A1.

• The second student starts to use the library at the time A1 and should finish the reading not later than at the time A2.

• And so on.

• The N-th student starts to use the library at the time AN-1 and should finish the reading not later than at the time AN

The holidays in Sherland are approaching, so today each of these N students wants to read some new edition of "Heart of Darkness". The i-th student needs Bi units of time to read the book.

The students have understood that probably not all of them will be able to read everything they want from the book. How many students will be able to read the book without violating the schedule?

Input Format

The first line of input contains a single integer N denoting the number of students. Assume that the maximum value for N as 50.

The second line contains N space-separated integers A1, A2, ...,AN denoting the moments of time by when the corresponding student should finish reading.

The third line contains N space-separated integers B1, B2, ...,BN denoting the time required for each of the students to read.

Output Format

Output a single line containing the number of students that will be able to finish reading.

Sample Input

3

1 10 15

1 10 3

Sample Output

2

Sample Input

3

10 20 30

15 5 20

Sample Output

1

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Answer Key & Solution

Section 1 - VERBAL

Q1

Had done

Solution

appreciated - past tense

Barry appreciated him for whatever he had been doing for a long time.

So, past perfect tense should be used.

Q2

Is allow to each speaker

Solution

Here the sentence is in passive voice. We know that the verb form in passive voice should be a past participle. So, the verb should be changed to 'allowed'.

Q3

4

Solution

In general, ‘each other’ is used when two things are referred and ‘one another’ is used when more than two things are referred.

We use the reciprocal pronouns each other and one another when two or more people do the same thing. (‘Each other’ refers to two people and ‘one another’ refers to more than two people).

In this sentence the number of children is more than two. Hence ‘each other’ should be replaced by ‘one another’.

Q4

was

Solution

Correct sentence - Phones were not permitted in our college

Q5

He replied that he cannot turn away the father, who raised him and taught him

Solution

Indirect speech - He replied that he cannot turn away the father, who raised him and taught him

Q6

EBADC

Solution

'E' is the introductory sentence as it talks about what a corporation wanted to do. 'B' follows as 'the Beijing-based utility' refers to State Grid Corp. Now, the focus is on electricity. 'A' follow as how it did good (by providing free electricity) is stated in D' talks of the consequences or results of the project 'C' concludes the paragraph by proving a quote by the project chief. Hence, EBADC is the right sequence.  Choice (4)

Q7

cattle of all the countries of the world

Solution

"Cattle" itself is plural, so cattles is wrong. The sentence includes India, so 'other' should not be used.

Q8

oblivion

Solution

The part after the semicolon explains the first part of the sentence. So, something that may not recur for some time would be in remission. (sequestration = isolation; quarantine = isolation; oblivion = state of being unaware)

Q9

Her firm belief

Solution

Corrected sentence - Her firm belief is that exercise is the permanent solution to any disease.

Q10

inference

Solution

Why the statement is an **inference**:

While the statement seems like a definitive number, it relies on something we haven't been explicitly told: a method of knowing the exact number of participants. Here's why it's an inference:

Missing Information: We don't know how the speaker knows there were more than 50 participants. They might have:

Counted them directly.

Been told by someone who counted them.

Seen a list of participants exceeding 50 names.

Unverified Information: Even if the speaker has a source, we haven't been told if that source is reliable. There could be errors in counting, or the list might not be complete.

So, it's an educated guess based on what the speaker perceives as evidence, making it an inference.

Q11

as he cleans

Solution

Here the verb 'found' is in the past tense. But, 'he cleans' is in the present tense. Hence, this is an error. It should be 'he cleaned'.

Q12

how he wanted me

Solution

Correct sentence - This is exactly how he wanted me to solve the issue.

Q13

Rowan told jean he didn't believe her.

Solution

Reported speech: Rowan told jean he didn't believe her.

Q14

2

Solution

Plural form of Poetry is "Poetry" itself.

Hence, the word Poetries is wrong.

Q15

was driving

Solution

He is driving fast when the accident happened.

happened - past tense

for the underlined part past continuos tense should be used according to the context of the sentence.

**was driving** is the best fit.

Q16

obsolete

Solution

An adjective would fit in the blank to modify the noun 'idea'. so nouns extinction and accuracy, as well as noun or verb, 'discord' are eliminated. The sentence intends to convey the idea of paying for things to own them no longer works in present times. Thus Obsolete which means outdated is the only answer.

Q17

exceed

Solution

No Solution

Q18

The hurt woman was being helped by some individuals

Solution

Passive voice - The hurt woman **was being helped** by some individuals.

Q19

speak

Solution

Here, can is the modal verb and the verb after can should be bare infinitive form. So, it should be 'speak'.

Q20

The class teacher remarked that they all had performed poorly in the business studies test.

Solution

The given question is in Direct speech.

When we change the sentence from direct speech to indirect speech, we need to change the tense.

Direct speech - Present Perfect

So, the indirect speech - Past Perfect

Also, 'You' in “You have all performed poorly in the business studies test!” should be changed from 'You' to 'They'.

By considering the above, the indirect speech should be 'The class teacher remarked that they all had performed poorly in the business studies test.'

Section 2 - Q&R

Q1

B & C

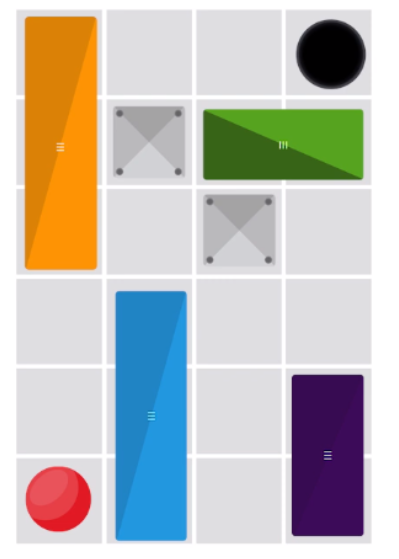
Solution

The rule followed by grids given in the question: Row 1 and Row 3 are identical.

Q2

iii,i,ii

Solution



Q3

A & D

Solution

A screenshot of a game

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Q4

3

Solution

Answer: 3

Explanation:

In the first column, 12 \* 6 = 72 ; 18/6 = 3.

In the third column, 16 \* 8 = 128 ; 32/8 = 4.

In the second column, 14 \* 8 = 112.

So, missing number = 24/8 = 3.

Q5

3142

Solution

3.Millions of voters will participate 1.In the super Tuesday contests in 14 states 4.which include California, New York, Alabama 2.And America Samoa, a US territory.

Q6

Muffler : Cold

Solution

An 'amulet' is a piece of jewellery that some people wear because they think it protects them from evil spirits. In the same way a 'muffler' protects us from cold. A 'pendant ‘is a piece of jewellery worn around neck but it doesn't protect us from anything. A 'sack is carried not necessarily over the back and does not express the same relation. A 'glove' is a covering one wears some specific works. The correct answer is 3.           Choice (3)

Q7

66

Solution

Number of ways = 15–1–2C3–1 = (12.11 / 2) = 66 ways.

Q8

30%

Solution

Required % =× 100 = 30%.

Q9

5.5 days

Solution

(A + B)'s 1 day's work = (1/12 + 1/18) = 5/36.

(A + B)'s 5 day's work = 5 × 5/36 = 25/36. Now A leaves.

Remaining work = 1 – 25/36 = 11/36.

This has to be done only by B.

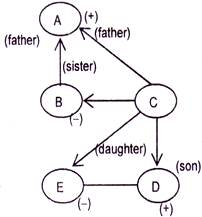
Time required = 11/36 t 1/18 = 5.5 days.

Q10

Grandfather

Solution

The given relation can be drawn as shown below :



A is the grandfather of D.

Q11

35º

Solution

No Solution

Q12

50

Solution

Let the length of train be x km and its speed be y km/hr.

Then, (x/(y – 2)) = 9/’(60 × 60) and x/(y – 4) = (10/60x60)

=> 9y – 3600x = 18 and 10y – 3600x = 40.

=> y – 400x = 2 and y – 360x = 4.

40x = 2 or x = [(2/40) × 1000] m = 50 m.

**Ans.(3)**

Q13

55

Solution

Number of boys who passed = (15 + 1 + 28) = 44

Total number of boys in the class = 44 + 6 +5 = 55.

Q14

1, 1

Solution

Multiplying 1st equation by 4 and 2nd by 3 and adding, we get x = 1.

Putting x = 1, we get y = 1.

Q15

154 sq.cm

Solution

No Solution

Section 3 - TECHNICAL

Q1

n-2

Solution

Explanation: Only the first and the last vertex would have degree 1, others would be of degree 2.

Q2

Accessing elements at specified positions

Solution

Explanation: Array elements can be accessed in two steps. First, multiply the size of the data type with the specified position, second, add this value to the base address. Both of these operations can be done in constant time, hence accessing elements at a given index/position is faster.

Q3

2

Solution

Initially p= 1, q= 1, r= 1

If block gets executed and set 'p' as 0.

So, 0+1+1 = 2.

Q4

5

Solution

1st time ... x = 2 and i = 2

2nd time ...x=4 and i=3

3rd time.....x=16 and i = 4

4th time ......before entering the loop value of x < 500 ....it is 16 so it will enter the loop

and make i = 5

5th time x>1000 so while loop doesn't execute.....

SO the answer is i = 5

Q5

1

Solution

No Solution

Q6

Insertion sort

Solution

It is an Insertion sorting Algorithm.

Q7

n

Solution

No Solution

Q8

Binary search

Solution

No Solution

Q9

19

Solution

No Solution

Q10

10

Solution

No Solution

Q11

Invalid

Solution

#include<iostream>

using namespace std;

int main()

{

int size, sum, flag = 0;

cin>>size;

if(cin.fail())

flag = 1;

if(size>10 || size<1)

flag = 1;

int arr[size];

for (int i=0;i<size;i++)

{

cin>>arr[i];

if (cin.fail())

flag = 1;

}

cin>>sum;

if(cin.fail())

flag = 1;

if(flag == 1)

{

cout<<"Invalid";

return 0;

}

for(int i = 0;i<size;i++)

{

for(int j = i+1;j<size;j++)

{

if(arr[i]+arr[j] == sum)

{

cout<<"Yes:"<<arr[i]<<" "<<arr[j];

return 0;

}

}

}

cout<<"No Pair";

return 0;

}

Q12

Solution

import java.io.\*;

import java.util.\*;

class libraryTimeTable {

public static void main(String [] args) {

int i,n,j=0,k=0;

Scanner sc = new Scanner(System.in);

n = sc.nextInt();

int a[] = new int[n];

int b[] = new int[n];

for(i=0;i<n;i++) {

a[i] = sc.nextInt();

}

for(i=0;i<n;i++) {

b[i] = sc.nextInt();

}

for(i=0;i<n;i++)

{

if((a[i]-j)>=b[i]){k++;}

j=a[i];

}

System.out.println(k);

}

}

Or

using System;

namespace ConsoleApp2

{

class Program

{

static void Main(string[] args)

{

int i, n, j = 0, k = 0;

n = Int32.Parse(Console.ReadLine());

int[] a = new int[n];

int[] b = new int[n];

string[] tokens = Console.ReadLine().Split();

for (i = 0; i < n; i++)

{

a[i] = int.Parse(tokens[i]);

}

tokens = Console.ReadLine().Split();

for (i = 0; i < n; i++)

{

b[i] = int.Parse(tokens[i]);

}

for (i = 0; i < n; i++)

{

if ((a[i] - j) >= b[i]) { k++; }

j = a[i];

}

Console.WriteLine(k);

}

}

}

Top of Form

Bottom of Form

Top of Form

Bottom of Form