2026 CTS TEST - 2

Test Summary

* No. of Sections: 3
* No. of Questions: 38
* Total Duration: 90 min

Section 1 - VERBAL

Section Summary

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

Additional Instructions:

None

Q1.

**In the following question, more than one part of the sentence may have errors. Find out which part(s) of the sentence has/have error(s) and select the appropriate option**.

The gardens at Sigiriya are (A) / not only the best-preserved water (B)/ gardens in South Asia but one(C)/ of the oldest landscaped (D)/ gardens in the world (E).

Only A and E

Only C and D

Only A and D

Only C and E

Q2.

We will have to take a taxi to the airport, otherwise we \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ miss our plane.

could

might

should

none of these

Q3.

**Choose the most logical order of sentences from the given choices to construct a coherent paragraph.**

A. But new notes to replace the ones withdrawn were slow in coming and had to be rationed.

B. Demand shrank, production was disrupted, and well before the budget time the economy was mired in recession and deflation

C. In the midst of a slowdown in growth, the government had chosen to withdraw and declare worthless more than 80% of the value of currency in circulation by demonetizing "higher value" notes.

D. The reason being that the indefensible measure had been poorly designed and its implementation unplanned.

E. The consequence, as should be expected, was the expropriation of purchasing power, even if for a few months.

F. The sudden shrinking of demand for lack of cash aggravated the earlier slowdown and depressed prices.

CADEBF

CDEBAF

EDABFC

EFCADB

Q4.

**The sentences given in this question, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.**

A. Whenever the market price is set above or below the equilibrium price, either a market surplus or a market shortage will emerge

B. Only at the equilibrium price will no further adjustments be required

C. We can count on market participants to find this equilibrium

D. To overcome a surplus or shortage, buyers and sellers will change their behaviour-that is, the prices charged or paid and the quantities demanded or sold

E. The equilibrium price is the only price at which the amount consumers are willing to buy equals the amount producers are willing to sell

ACBDE

ADBEC

DCBEA

CBADE

Q5.

**Convert the voice of the given statement :**

The pets hold a special place in the hearts of their owners.

A special place in the hearts of the pet owners is held by them

A special place was held by the pets in the hearts of their owners.

 A special place is held by the pets in the hearts of their owners.

A special place is being held by the pets in the hearts of their owners

None of the mentioned options

Q6.

You \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to feed the cat at least twice a day.

had

need

has

none of these

Q7.

**From the options given below, select the option that states the incorrect set of sentences.**

A. Standing about 10 inches tall, the shy animal once roamed the border regions of India, Nepal, and Bhutan.

B. When I got involved in this project, I realized this could give me the purpose that I have been searching for my entire death.

C. But the story doesn't end there, because the novel science that we will do for this mission will benefit all of humanity.

A only

B only

A and C

B and C

None of the mentioned options

Q8.

**Fill up the blank with suitable prepositions from the alternatives given under each sentence.**

Kanishka was initiated \_\_\_\_\_\_ Buddhism by Buddhist monks.

to

into

in

by

Q9.

**From the given options choose the one that best expresses the given sentence in active/passive voice:**

﻿Who gave you permission to enter?

By whom were you given permission to enter?

By whom was you given permission to enter?

By whom you were given permission to enter?

By whom were given you permission to enter?

Q10.

**Fill in the blank with a suitable article from the options given.**

He is \_\_\_\_\_\_\_\_\_ oldest member of the committee.

a

an

the

no article required

Q11.

**Identify the one that is opposite in meaning (antonym) to the question word and mark.**

credible

legal

unbelievable

legendary

logical

Q12.

In the following question, choose the word which is the exact OPPOSITE (an antonym) of the given words.

STARTLED

Astonished

amused

endless

relaxed

Q13.

**Fill in the blank with the appropriate answer option :**

There's something thrilling about a/an \_\_\_\_ that isn't a means to an end but the end itself, whose value in doing it is just doing it, simply because one can.

skill

exercises

worker

tasks

Q14.

**Complete the following sentence by selecting the appropriate word from the given choices.**

She appeared to be about nineteen or twenty and was fair, tall, and with \_\_\_\_\_\_\_\_\_\_ looks.

emaciated

contagious

demure

sardonic

Q15.

**In each of the following sentences a part of the sentence is underlined. Beneath each sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative among the four.**

Many patrons in the hotel found the coffee too sweet to drink, but it was still ordered frequently.

but it would still be ordered frequently.

but they would still order it frequently.

but they still ordered it frequently

but it was still being ordered frequently.

Q16.

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

The advances in science are leading to restructuring of agricultural research, redefining educational needs and technological opportunity and to realign the roles for private and public research.

and to realign the roles for private and public research.

and realigning the roles for private and public research.

and realigned the roles for private and public research.

realigning the roles for private and public research.

Q17.

**Select the most suitable synonym**

adjourn

prevent

withhold

postpone

dissolve

Q18.

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

A. One in 10 people fall prey to migraine, according to recent studies.

B. The most common form of headache occurring in more than half the cases and on the rise - is a "tension-type" headache, a dull constant muscular pain along the head and neck.

C. Headaches are a bigger pain than most people realize.

D. Seventy percent of the victims are women.

E. It can easily become chronic, playing havoc with one's daily life.

ABCDE

CADBE

BDEAC

DCBAE

Q19.

Each question consists of four sentences on a topic. Some sentences are grammatically incorrect or inappropriate. Identify the incorrect sentence or sentences:

A. Orchids can be found all over India.

B. Arunachal Pradesh, Sikkim and Meghalaya are especially blessed by these blooms.

C. More than 800 of India's 1200 species flourish in the North eastern states.

D. Infact, the state flowers of both Arunachal Pradesh and Assam is the foxtail orchid.

A and C

B and D

Only B

Only C

Q20.

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

A. Overall, the same portion of immigrants as native-born Americans are self-employed, and both groups of entrepreneurs earn, on average, about thirty thousand dollars a year.

B. Some scholars believe that immigrants eventually pull ahead of natives in the income race because their work habits aren't constricted by our notions of the typical eight-hour workday.

C. Two of every 10 U.S. physicians are foreign-born, as is one in eight engineers.

D. Further, a willingness to strike out on their own has allowed many immigrants to earn more money sooner than they would have in the corporate world, given their often limited command of English.

E. Immigrants also are well represented in highly skilled professional and technical jobs.

F. Yet for some ethnic groups, self-employment rates are significantly higher, particularly for Koreans and Iranians.

BDAFEC

CEBDAF

AEFCDB

BEFCAD

Section 2 - Q&R

Section Summary

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

Additional Instructions:

None

Q1.

Greg buys cattle for Rs.15 In exactly one year he sells it for Rs.20 After one year again he buys the same cattle at Rs.30 and this time sells it for Rs.40 What is the overall profit percent for Greg in this transaction?

30.33%

33.33%

35.33%

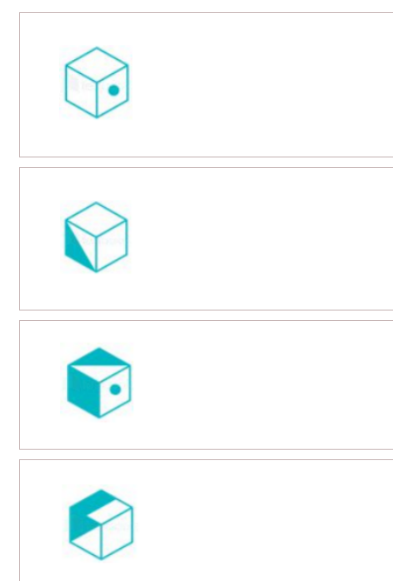
40.33%

Q2.

**Find the correct option figure, when the given unfolded hollow cube is folded.**

A blue and white square and square shapes

AI-generated content may be incorrect.



Q3.

If log27 x + log9 x + log3x =11, then the value of x is

343

243

729

1129

Q4.

**The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions Read both statements and give an answer:**

Jay put 12 cards on a table, some face up and the rest facedown. How many were put facedown?

(A) Jay put an even number of the cards facedown.

(B) Jay put twice as many of the cards face up as he put facedown.

if the question can be answered by using statement A alone but not by using B alone.

if the question can be answered by using statement B alone but not by using A alone.

if the question can be answered by using either statement alone

if the question can be answered by using both the statements together but not by either statement.

Q5.

Rajan is sixth from the left end and Vinay is tenth from the right end in a row of boys. If there are eight boys between Rajan and Vinay, how many boys are there in the row?

23

24

25

26

Q6.

Ajay and Vijay have some marbles with them. Ajay told Vijay "If you give me 'x' marbles, both of us will have an equal number of marbles". Vijay then told Ajay "If you give me twice as many marbles, I will have 30 more marbles than you would". Find 'x'?

4

5

6

8

Q7.

Going 40 m to the South of her house, Rani turns left and goes another 15 m. Then, turning to the North, she goes 20 m and then starts walking towards her house. In which direction she is walking now?

North – West

North

South – East

South

Q8.

Pointing towards a person in the photograph Kannan said " She is the only daughter of the father of my sister’s brother ." How is that person related to Kannan?

Mother

Father

Maternal uncle

None of the mentioned options

Q9.

What will be the remainder when 327 is divided by 25?

12

4

25

11

Q10.

If GUITAR = HTJSBQ, then VIOLIN = `

WHPKJM

WHPKNM

WHPLJM

WHPSNM

Q11.

In a certain code language, '+' means '/', '/' means '\*', '\*' means '-', and '-' means '+'.

Find the value of 44 - 11 / 2 \* 6 / 6 + 2 - 12.

50

60

65

70

Q12.

There are 49 cards in a box numbered from 1 to 49. Every card is numbered with only 1 number. The probability of picking up a card, the number printed on which is a multiple of 5 but not that of 10 or 15 is \_\_\_\_\_.

3/49

5/49

1/7

1/49

Q13.

△ABC has integer sides x, y, and z such that xz = 12. How many such triangles are possible?

9

8

12

6

Q14.

A mixture contains milk and water in a ratio 12 : 5. On adding 12 liters of water, the ratio of milk to water becomes 9 : 4. The quantity of milk in the mixture is:

396 litres

400 litres

432 litres

448 litres

Q15.

**Find the next terms in the following series.**

A, D, E, H, I, L, M, P, Q, T, U, ?

Y, Z

U, V

V, W

X, Y

Section 3 - CODING

Section Summary

* No. of Questions: 3
* Duration: 50 min

Additional Instructions:

None

Q1.

Change the below code to get the output as shown in the sample output,for the floating numbers

Sample Input

39.6794

Sample Output

39.7 39.68 39.679

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

Q2.

The function/method ***rotateList*** accepts three arguments as inputs - an integer size, an integer k and a node list\_head representing the size of the list, the rotation index value and the head node of the linked list, respectively.

It is supposed to rotate the linked list in the counterclockwise direction from the kth node

The function/method compiles successfully but fails to return the desired result for some test cases. Your task is to fix the code so that it passes all the test cases

**Note**

0<= k <= size

Sample Input

6 2

1 2 3 4 5 6

Sample Output

1 6 5 4 3 2

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

Q3.

You are required to fix all the syntactical errors in the given code. You can use click on run to execute your code. You can use printf() to debug your code. The submitted code should be logically and syntactically correct and pass all the test cases. Do not write the main function as it is not required.

**Code approach:** For this code, you will need to write the given implementation. We do not expect you to modify the approach or incorporate any additional library methods.

You are given an initial value as s and dimensions of the increment matrix as m and n.

An increment matrix is a matrix whose elements are the incremented values of the initial value s

For example -

if initial value s = 1 and dimesions are: m=3,n=3

Increment Matrix would be:

1 2 3

4 5 6

7 8 9

Multiply the original increment matrix with its transpose. The input to the method **transposeMultMatrix** shall consist of the initial value s and the dimensions of the increment matrix m and n (s, m and n all should be positive integers). The method should return a 2-dimensional matrix for the multiplication matrix.

Your task is to fix the method **transposeMultMatrix** so that it passes all the test cases.

Sample Input Sample Output

1 3 3

Sample Output

14 32 50

32 77 122

50 122 194

Sample Input

4 3 2

Sample Output

41 59 77

59 85 111

77 111 145

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

Answer Key & Solution

Section 1 - VERBAL

Q1

Only C and D

Solution

Parts C and D have errors. In part C, 'also‘ is left out which makes the syntax of 'not only... but also‘ incomplete in the sentence. In part D, the determiner

'one of the' is contextually incorrect because 'gardens' is a plural noun, so the determiner has to be in plural form. 'Some of the' is the most appropriate determiner that can be used to denote the noun 'gardens' in the sentence.

The correct sentence is: The gardens at Sigiriya are not only the best-preserved water gardens in South Asia but also some of the oldest landscaped gardens in the world.

Q2

might

Solution

No Solution

Q3

CADEBF

Solution

F talks about 'the shrinking of demand', which has previously been discussed in B, hence the pair BF is right.

Also, E talks of the consequences of 'demonetization'. B further continues the discussion in E by talking of more consequences, hence EB. Combining the two we get EBF.

D provides a reason for some act or decision. It can only be related to A. D provides an explanation for slow replacement of notes in A, hence AD.

C is the obvious choice as the starting sentence. C talks of demonetization and A builds upon it by talking of problems in getting new notes.

So, combining this, we can say CAD is the proper pair.

Finally, the order is CADEBF

Q4

ADBEC

Solution

Passage must begin with A as only A introduces the setting of ‘the market price above or below the equilibrium price.’ B, C, D and E cannot begin the passage with their ‘only,’ ‘we can count,’ ‘to overcome’ and ‘the equilibrium price’ respectively as they only advance the argument introduced by A. D should obviously follow A with its ‘to overcome a surplus or shortage’ which refers to what has been introduced or mentioned in A, B should follow D as B talks of ‘no further adjustments required’ only at the ‘equilibrium price,’ E should follow B which describes or defines ‘equilibrium price,’ C should follow E and conclude the passage telling ‘to find this equilibrium,’ ‘market participants’ are to be dependent upon, C’s ‘this equilibrium’ refers to what has been mentioned in E.

ACBDE: passage correctly begins with A but C wrongly follows it whereas C should follow E and conclude the passage after E has defined ‘the equilibrium price.’ C tells ‘market participants’ are to be relied on to find this ‘equilibrium price’ and so on.

DCBEA: passage wrongly begins with D whereas D should follow A. after A has introduced ‘setting’ of ‘the market price’ ‘above or below the equilibrium price’ D should obviously follow with its ‘surplus or shortage’ etc.

CBADE: passage wrongly begins with C whereas C should follow E and conclude the passage, after E has described or defined ‘the equilibrium price’ C should follow it telling how ‘this equilibrium’ is to be found. Except (b) the other options are wrong.

Q5

 A special place is held by the pets in the hearts of their owners.

Solution

The given sentence is in active voice. It is simple form of present tense.

The structures for active/passive voices are:

Active: Subject + verb (“s“ or “es” with singular noun) + object…Passive: Object + Is/are/am + verb (IIIrd form) + by + subject…

So, based on the above structures,

we can convert the given sentence into passive voice:

A special place is held by the pets in the hearts of their owners.

Q6

need

Solution

No Solution

Q7

B only

Solution

Checking the sentences, we have

Sentence (A) - This sentence has no errors.

Sentence (B) - The sentence talks about a person searching for a purpose and so the usage of word 'death' is contextually incorrect and must be replaced with the word 'life' (searching for purpose throughout the course of life)

Sentence (C) - This sentence has no errors.

Hence, Only B has error

Q8

into

Solution

The preposition 'into' should be used after the word initiated.

Q9

By whom were you given permission to enter?

Solution

No Solution

Q10

the

Solution

Since the adjective is in the superlative form the appropriate article would be "the"

Q11

unbelievable

Solution

'Credible' means believable. The antonym is 'unbelievable'.

Q12

relaxed

Solution

to surprise somebody/something in a way that slightly shocks or frightens him/her/it.

Q13

skill

Solution

'Exercises' and 'tasks' are grammatically unfit because these can be used as plural nouns but the article 'a/an' can only be followed by a singular noun.

'Worker' is unfit because the blank talks about something which we do and enjoy.

Hence, the suitable fit for the blank will be 'skill'

Q14

demure

Solution

Demure means sober or modest.

Q15

but they still ordered it frequently

Solution

In option (a), the voice of the sentence changes from active to passive which is undesirable. Option (b) and (d) changes the tense of the sentence, hence they are inappropriate. Only option (c) maintains the tense as well as the voice of the sentence. Hence it is correct.

Q16

and realigning the roles for private and public research.

Solution

The sentence is in present continuous, so the answer is 2. 4 is wrong because 'and' is missing.

Q17

postpone

Solution

The word adjourn means suspend or delay. Prevent refers to avoid, withhold refers to hold back and dissolve refers to melt. So the best answer is postpone which means suspend or delay. Ans.(3)

Q18

CADBE

Solution

Statement 'C' alone proposes the topic 'headache' and the rest of the sentences as given in the answer explains us the 'types of headache' and the percentage of people suffering from it. 'E' closes the passage predicting the grave impending danger ahead for mankind as far as this problem - 'headache' is concerned. CADBE is the right option.

Q19

B and D

Solution

B and D is the apt answer. Sentence B should have 'blessed with' and not 'blessed by', 'blessed with something' is an idiom which means 'to have something good'. Sentence D must have 'flower' (singular not plural) since the verb is singular and the reference is to a single flower 'foxtail'.

Q20

BDAFEC

Solution

'B' introduces the concept and hence is the opening statement. 'B' provides one reason for immigrants overtaking natives in the race. 'D' which talks about another reason is the continuation. 'A' and 'F are a pair as both talk about self-employment. 'E' follows as it says 'also', i.e. apart from representing a major part of self-employed people, 'they also are… skilled jobs'. 'C' follows as it gives examples of 'highly skilled……     and technical jobs'. Hence, **BDAFEC** is the right sequence:

**The correct answer is Option (1)**

Section 2 - Q&R

Q1

33.33%

Solution

Total C.P. = 45

Total S.P. = 60

Profit% = (15/45) \*100 = 33.33%

Q2



Solution

In option 1, two of the lateral sides (the two blank sides) are placed in such a way that

they form a strip over the top. This means that the side facing the right (S2) must be

either the top or the base (which is not the case here – here it is showing another lateral

side i.e. the dotted side). So option 1 is incorrect. Similarly, two of the adjacent sides (the

two blank sides) are placed in such a way in option 2 that they form a strip over the top.

Thus the side facing the left (S1) must be either the top or the base (which is not the case

here – here it is showing another lateral side i.e. the diagonally half-filled side). Thus

option 2 is also eliminated.

When the laterally half-filled side is on the top, and the diagonally half-filled side is one

of the lateral sides (S1), the lateral side to its right (S2) must be the dotted side, not a

blank side. So option 4 is also incorrect. Clearly, option 3 is the correct answer. When

the adjacent lateral sides are placed so that the diagonally half-filled side is on top and

the dotted side is on S2, then clearly the base (completely filled side) must be in place of

S1.

Q3

729

Solution

log27 x + log9x + log3 x =11

⇒ 1/3 log3x + 1/2 log3x + log3x = 11

⇒ (1/3 + 1/2 +1) log3x = 11

⇒ 11/6 (log3 x) = 11

⇒ log3 x = 11 x 6 / 11 = 6

x = 36 = 729

Q4

if the question can be answered by using statement B alone but not by using A alone.

Solution

Statement(A): If X denotes the number of cards that were put facedown, it follows from (A) that X could be 2,4,6,8,10, or 12. Thus statement (A) alone is not sufficient.

Statement (B) it can be determined that 2X + X = 3X = 12, or X = 4. Therefore, statement (B) alone is sufficient.

Q5

24

Solution

Number of boys in the row = (6 + 10 + 8) = 24

Q6

5

Solution

If Vijay gives 'x' marbles to Ajay then Vijay and Ajay would have V - x and A + x marbles.

V - x = A + x --- (1)

If Ajay gives 2x marbles to Vijay then Ajay and Vijay would have A - 2x and V + 2x marbles.

V + 2x - (A - 2x) = 30 => V - A + 4x = 30 --- (2)

From (1) we have V - A = 2x

Substituting V - A = 2x in (2)

6x = 30 => x = 5.

Q7

North – West

Solution

A diagram of directions and directions

AI-generated content may be incorrect.

Hence, Rani is finally moving in North – West direction.

Q8

None of the mentioned options

Solution

Sister's brother is Kannan itself, since the person in the photograph is the only daughter of Kannan's father.

So the person is the sister of Kannan.

Q9

12

Solution

3^27

=(3³)^9

=(25+2)^9

≡2^9 mod 25

≡2×2^8

≡2(250+6)

≡12mod 25

= Remainer = 12

Q10

WHPKJM

Solution

G U I T A R

H T J S B Q

First is coded as next letter and second letter is coded as previous letter. And so on,

Thus V I O L I N = W H P K J M

Q11

60

Solution

As per the given expression

44 - 11 / 2 \* 6 / 6 + 2 - 12

becomes

44 + 11 \* 2 - 6 \* 6 / 2 + 12.

Using BODMAS rule,

44 + 11 \* 2 - 6 \* 6 / 2 + 12

= 44 + 22 - 36 / 2 + 12

= 66 - 18 + 12

= 60.

Q12

3/49

Solution

According to the given information,

Card numbers which are multiples of 5 are 5, 10, 15, 20, 25, 30, 35, 40, 45

Card numbers which are multiples of 10 or 15 are 10, 15, 20, 30, 40, 45

The latter ones are to be ruled out from the former ones.

⇒ So, the only card numbers we are left with are 5, 25, and 35.

∴ Probability of picking up a card, the number on which is a multiple of 5 but not that of 10 and 15 = 3/49

Q13

9

Solution

The possibilities of sides xy of a triangle

xz = 12

x,z can be 1, 12 or 2, 6 or 3, 4

Possible triangles

1 - 12 - 12

2 - 6 - 5; 2 - 6 - 6; 2 - 6 - 7

3 - 4 - 2; 3 - 4 - 3; 3 - 4 - 4; 3 - 4 - 5; 3 - 4 - 6

therefore 9 triangles

Q14

432 litres

Solution

Ratio of milk and water = 12:5

After adding 5l’s water the ratio becomes = 9 : 4

12X / (5X + 12) = 9/4

3x =108

X = 36

Quantity of milk in the mixture = 36 × 12 = 432

Q15

X, Y

Solution

Gap between A and D is 2 and no gap between D and E.

Similarly for U is XY.

Section 3 - CODING

Q1

#include<stdio.h>

#include<stdlib.h>

int main()

{

double number;

scanf("%lf",&number);

printf("%.1f %.2f %.3f",number,number,number);

}

Q2

#include<stdio.h>

#include<stdlib.h>

typedef struct node

{

int data;

struct node \*next;

}NODE;

NODE \*start;

void displaySLL()

{

NODE \*tptr;

for(tptr=start;tptr!=NULL;tptr=tptr->next)

printf("%d ",tptr->data);

printf("\n");

}

void insertData(int givenData)

{

struct node \*newnode;

NODE \*tptr,\*prev;

newnode=(struct node \*)malloc(sizeof(struct node));

newnode->data=givenData;

newnode->next=NULL;

if(start==NULL)

{

start=newnode;

}

else

{

for(tptr=start;tptr!=NULL;prev=tptr,tptr=tptr->next);

prev->next=newnode;

}

}

void rotate(int n,int k,NODE \*head)

{

NODE \*tptr,\*prev,\*safeNext,\*safePrev;

int count;

tptr=head;

for(count=1;count<k;count++)

{

prev=tptr;

tptr=tptr->next;

}

safePrev=NULL;

while(tptr!=NULL)

{

safeNext=tptr->next;

tptr->next=safePrev;

safePrev=tptr;

tptr=safeNext;

}

prev->next=safePrev;

}

int main()

{

int n,k,index,num;

scanf("%d %d",&n,&k);

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

{

scanf("%d",&num);

insertData(num);

}

rotate(n,k,start);

displaySLL();

return 0;

}

Q3

#include<stdio.h>

#include<malloc.h>

int \* transposeMultMatrix(int s,int m ,int n)

{

int \*oMat=NULL,\*tMat=NULL,\*mulMat=NULL,ctr,ctr1,ctr2,ans,size;

oMat = (int \*)malloc(sizeof(int) \* m\*n);

tMat = (int \*)malloc(sizeof(int) \* m\*n);

mulMat = (int \*)malloc(sizeof(int) \* m\*m);

for( ctr =0 ; ctr < m ; ctr++ )

{

for( ctr1= 0 ; ctr1 < m ; ctr1++ )

\*(mulMat+ctr\*m + ctr1)=0;

}

for( ctr =0 ; ctr < m ; ctr++ )

{

for( ctr1= 0 ; ctr1 < n ; ctr1++ )

\*(oMat+ctr\*n+ctr1)=s++;

}

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

{

for( ctr1= 0 ; ctr1 < m ; ctr1++ )

\*(tMat+ctr\*m+ctr1)=\*(oMat+ctr1\*n+ctr);

}

for( ctr = 0,ans=0;ctr < m ; ctr++ )

{

for( ctr1 =0 ; ctr1 < m ; ctr1++ )

{

for( ctr2 = 0;ctr2<n;ctr2++)

ans += ((\*(oMat+ctr\*n+ctr2))\* (\*(tMat+ctr2\*m+ctr1)));

\*(mulMat+ctr\*m+ctr1) = ans;

ans=0;

}

}

return mulMat;

}

int main()

{

int s,m,n,ctr,ctr1,size;

int \*ans=NULL;

scanf("%d %d %d",&s,&m,&n);

ans=(int \*)malloc(sizeof(int) \*m\*m );

ans=transposeMultMatrix(s,m,n);

for( ctr = 0;ctr < m ; ctr++ )

{

for( ctr1 =0 ; ctr1 < m ; ctr1++ )

printf("%d ",\*(ans+ctr\*m+ctr1));

printf("\n");

}

return 0;

}

OR

#include<stdio.h>

#include<malloc.h>

int \* transposeMultMatrix(int s,int m ,int n)

{

int \*oMat=NULL,\*tMat=NULL,\*mulMat=NULL,ctr,ctr1,ctr2,ans,size;

oMat = (int \*)malloc(sizeof(int) \* m\*n);

tMat = (int \*)malloc(sizeof(int) \* m\*n);

mulMat = (int \*)malloc(sizeof(int) \* m\*m);

for( ctr =0 ; ctr < m ; ctr++ )

{

for( ctr1= 0 ; ctr1 < m ; ctr1++ )

\*(mulMat+ctr\*m + ctr1)=0;

}

for( ctr =0 ; ctr < m ; ctr++ )

{

for( ctr1= 0 ; ctr1 < n ; ctr1++ )

\*(oMat+ctr\*n+ctr1)=s++;

}

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

{

for( ctr1= 0 ; ctr1 < m ; ctr1++ )

\*(tMat+ctr\*m+ctr1)=\*(oMat+ctr1\*n+ctr);

}

for( ctr = 0,ans=0;ctr < m ; ctr++ )

{

for( ctr1 =0 ; ctr1 < m ; ctr1++ )

{

for( ctr2 = 0;ctr2<n;ctr2++)

ans += ((\*(oMat+ctr\*n+ctr2))\* (\*(tMat+ctr2\*m+ctr1)));

\*(mulMat+ctr\*m+ctr1) = ans;

ans=0;

}

}

return mulMat;

}

int main()

{

int s,m,n,ctr,ctr1,size;

int \*ans=NULL;

scanf("%d %d %d",&s,&m,&n);

ans=(int \*)malloc(sizeof(int) \*m\*m );

ans=transposeMultMatrix(s,m,n);

for( ctr = 0;ctr < m ; ctr++ )

{

for( ctr1 =0 ; ctr1 < m ; ctr1++ )

printf("%d ",\*(ans+ctr\*m+ctr1));

printf("\n");

}

return 0;

}