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Wipro has flagged off its largest hiring drive, Wipro Elite NTH Hiring (off-campus) on **25-September-2021** with the second slot happening at **1:00 PM to 3:00 PM**, for 2022 pass-outs. If you're appearing for the drive, this FREE Slot Analysis PDF, covering the Latest Recruitment Process, Test Pattern, Syllabus and Most Recently Asked Questions, will help you.

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Wipro Elite NTH Role and Packages

The salary and designation offered by Wipro through the Wipro Elite NTH a.k.a Wipro NLTH are as follows.

Designation: Project Engineer **Salary package:** INR 3.5 LPA

Service Agreement: 12 months from joining @ INR 75,000 on pro-rata basis

Wipro Elite NTH Recruitment Process

This is the official Recruitment Pattern for the Wipro Elite NTH a.k.a Wipro NLTH confirmed by Wipro's website.

1. Online Test

2. Business Discussion (Tech + HR Interview)

Wipro Elite NTH Online Test Pattern

Section	#Qs	Duration (In Mins)
English Comprehension	18	18
Logical Ability	14	14
Quantitative Ability (Advanced)	16	16
Coding (Automata Basic)	2	60
Writing Ability (Writex)	1	20







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Wipro Elite NTH Online Test Assessment Platform

Assessment Platform	Inter-sectional Navigation	Intra-sectional Navigation	Marking Scheme	
			1. No negative marks	
			for incorrect response	
AMCAT - SHL	Not Allowed	dL Not Allowed	Not Allowed	2. Mark varies for the
		(Except for Automata	correct response with	
		Basic - Coding)	the question type	

Note:

- 1. Previously answered questions cannot be revisited
- 2. Questions cannot be skipped and every question is mandatory.
- 3. AMCAT/SHL is an Adaptive platform Difficulty level varies with response time and correct/incorrect response.
- 4. The score of the candidate depends on the level of questions that he/she attempts correctly

Wipro Elite NTH Online Test Syllabus

Section	Syllabus
Quantitative Ability	Basic Mathematics Divisibility HCF and LCM Numbers Decimal fractions Power Applied Mathematics Profit and Loss Simple and Compound Interest Time, Speed and Distance Inverse Engineering Mathematics Logarithms Permutation and Combinations Probability
Logical Ability	Deductive Reasoning



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	 Objective Reasoning Selection decision tables Puzzles Data Arrangement Inductive reasoning Analogy Pattern Recognition Classification Pattern Recognition Coding Pattern Recognition Number Series Pattern Recognition
Verbal Ability	Vocabulary
Automata Basic Elite (Coding)	Languages allowed are C/ C++/ Java/ Python One must master Fundamentals of Programming in any 1 programming language of his/ her choice. Here are the topics to master. • Arrays • Strings • Decision Making • Looping • Functions





C. IndifferentD. Nonchalant

E. Vivid **Answer: A**



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Wipro Elite NTH English Comprehension Questions

L.	Fill in the blank(s) to make the sentence meaningfully Sunita has a flair music. A. At B. To C. with D. For Answer: D
2.	In the question, a part of the sentence is italicized. Alternatives to the italicized part are given which may improve the construction of the sentence. Select the correct alternative. Get out of the building <u>it sound like the generator is going to explode</u> . A. It is sounding like the generator is going to explode B. It sounds like the generator is going to explode C. It sounds like generator exploded D. No change Answer: B
3.	In the question, a part of the sentence is italicized. Alternatives to the italicized part are given which may improve the construction of the sentence. Select the correct alternative. The most obvious downside to this pessimism is that it is coming at their expenses. A. It is coming at their expense B. It is costing at their expense C. It will be expensive D. It was coming at their expense Answer: A
1.	Select the correct option that fills the blank(s) to make the sentence meaningfully complete. We need more effective leaders and therefore we need to groom leaders. A. Enhanced B. Good C. Better D. Best Answer: B
5.	Select the word or phrase which best expresses the meaning of the given word. MUSTY A. Stale B. Necessary







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- 6. Select the word or phrase which best expresses the meaning of the given word. MONOTONOUS
 - A. Assorted
 - B. Spirited
 - C. Mixed
 - D. Tedious
 - Answer: D
- 7. Select the option that is most nearly opposite to the given word.

ADVENT(OPPOSITE)

- A. End
- B. Dawn
- C. Emergence
- D. Flexible
- E. Adamant

Answer: A

- 8. Select the option that is most nearly opposite to the given word LITERAL(OPPOSITE)
 - A. Factual
 - B. Usual
 - C. Ordinary
 - D. Unblased
 - E. Figurative

Answer: E

Environmental toxins which can affect are frighteningly commonplace. Besides lead, there are other heavy metals such as mercury, which are found frequently in fish, that are spewed into the air from coal-fired power plants, says Maureen Swanson, MPA, Director of the Health Children Project at the learning Disabilities Association of America.

Mercury Exposure can impair children's memory, attention, and language abilities and interface with fine motor and visual spatial skills. A recent study of school districts in Texas showed significantly higher levels of autism in areas with elevated levels of mercury in the environment. "Researchers are finding harmful effects at lower levels of exposure" Swanson, "They're now telling us that they don't know if there are a level of mercury that's safe."

Unfortunately, some of these chemicals make good flame retardants and have widely used in everything from upholstery to televisions to children's clothing. Studies have found them in high levels in household dust. Two categories of these flame retardants have been banned in Europe and are starting to be banned by different states in the United States.

The number of toxins in our environment that can affect may seem overwhelming at times. On at least some fronts, however, there is progress in making the world a cleaner place for kids, and just possible, reducing the number of learning disabilities and neurological problems, with a number of efforts to clean up the environment stalled at the federal level, many State Governments are starting to lead the way, And rather than tackling one chemical at a time, at least eight states are considering plans for comprehensive chemical reform bills, which would take toxic chemicals off the market.







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- 9. Besides lead, there are other heavy metals such as mercury, which are found frequently are spewed into the air from coal-fired power plants'. How can this line be worded different
 - A. Besides lead, mercury is another heavy metal which is found frequently in discarded fish cooked in coal-fired power plants
 - B. Besides lead, fish contains mercury which is a heavy metal ejected in the aif from power plants using coal
 - C. Fish, contains mercury which is released in the air as industrial waste and which is also a heavy metal like lead
 - D. Mercury released in the air as industrial waste is another heavy metal like lead, found in fish

Answer: A

- 10. All these are harmful effects of mercury in children EXCEPT:
 - A. Affects driving skills
 - B. Causes attention deficit disorder
 - C. Lead to neurological problems
 - D. Impacts ability to learn languages

Answer: A

- 11. "Researchers are finding harmful effects at lower levels of exposure". How can this line be interpreted?
 - A. Lower levels of exposure are harmful.
 - B. Harmful effects from exposure are becoming less intense
 - C. Amount of clothing has an impact on harmful effects
 - D. Even a little exposure can cause harm

Answer: A

- 12. On at least some fonts, however, there is progress in making the world a cleaner place for kids and just possibly, reducing the number of learning disabilities and neurological problems. What 'front' is being referred to?
 - A. Efforts of Healthy Children Project at the Learning Disabilities Association of America
 - B. Banning of flame retardants in Europe and various states of America
 - C. More and more states are joining the 2 states in Europe and various states in America that have already banned harmful chemicals
 - D. Proposed bill resulting in a blanket ban on all harmful chemicals

Answer: B

Direction (Q13 to Q16): Read the given passage carefully and answer the question that follows.

The Stratosphere specifically, the lower Stratosphere has. It seems, been drying out. Water vapor Is a greenhouse gas, and the cooling effect on the Earth's climate due to this desiccation may account for a fair bit of the slowdown in the rise of global temperatures seen over the past ten years. The Stratosphere sits on top of the Troposphere, the lowest densest layer of the atmosphere.

The boundary between the two, the Tropopause, is about 18km above your head. If you are in the tropics, and a few kilometers lower if you are at higher latitudes (or up a mountain). In the

Troposphere, the air at higher altitudes is in general cooler than the air below it, an unstable situation in which warm and often moist air below is endlessly buoying up into cooler air above. The resultant





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commotion creates clouds, storms and much of the rest of the world's weather. In the Stratosphere, the air gets warmer at higher altitudes, which provides stability.

The Stratosphere-which extends up to about 55km, where the Mesosphere begins, Is made even less weather-prone by the absence of water vapor, and thus of the clouds and precipitation to which it leads. This is because the top of the Troposphere is normally very cold, causing ascending water vapor to freeze into ice crystals that drift and fall, rather than continuing up into the Stratosphere.

A little water manages to get past this cold trap. But as Dr Solomon and her colleagues note, satellite measurements show that rather less has been doing so over the past ten years than was the case previously. Plugging the changes in water vapor into a climate model that looks at the way different substances absorb and emit Infrared radiation, they conclude that between 2000 and 2009 a drop in the Stratospheric water vapor of less than one part per million slowed the rate of warming at the Earth's surface by about 25%.

- 13. What is the order of layers in the atmosphere starting from the lowermost and going to the topmost?
 - A. Tropopause, Troposphere, Mesosphere, Stratosphere
 - B. Troposphere, Tropopause, Stratosphere, Mesosphere
 - C. Troposphere, Tropopause, Mesosphere, Stratosphere
 - D. Troposphere, Stratosphere, Tropopause, Mesosphere

Answer: B

- 14. Choose the correct answer based on the passage.
 - Why is the situation in the troposphere defined as unstable?
 - A. Because, unlike the Stratosphere, there is too much water vapor in the Troposphere
 - B. Because the Troposphere is not directly linked to the Stratosphere, but through the Tropopause which creates much of the world's weather
 - C. Because of the interaction between warm and cool air which is unpredictable in nature and can lead to storms
 - D. Because this layer of the atmosphere is very cloudy and can lead to weather related disruptions

Answer: C

- 15. What in the passage has been cited as the main reason affecting global temperatures?
 - A. Relative change in water vapor content in the Stratosphere
 - B. Drop in Stratospheric water vapor of less than one part per million
 - C. The extreme dryness in the Stratosphere
 - D. Absorption and emission of infrared radiation by different substances

Answer: B

- 16. What accounts for the absence of water vapor in stratosphere?
 - A. The layer of Stratosphere is situated too far above for the water vapor to reach
 - B. Rising global temperatures, leading to reduced water vapor that gets absorbed in the Troposphere
 - C. The greenhouse gas gets absorbed by the clouds in the Troposphere and comes down as rain
 - D. Before the vapor can rise up, it has to pass through below freezing temperatures and turns into ice

Answer: D









Wipro Elite NTH Logical Ability Questions

- 1. From the given choices select the odd one out.
 - A. bbcMN
 - B. dd e OP
 - C. ggfQP
 - D. mm n WX

Answer: C

- 2. Given signs signify something and on that basis, assume the given statements to be true and find which of the two conclusion I and II is/are definitely true.
 - "%" denotes "greater than"
 - ">" denotes "Equal to"
 - "a" denotes "not equal to"
 - "@" denotes "not equal to"
 - "#" denotes "less than"
 - "*" denotes "not greater than"

Statements

P>S. S@T, P#R

Conclusion

I.S%R

II.P@T

- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Neither conclusion I nor II is true
- D. Both conclusion I and II are true

Answer: B

- 3. Five cars are parked in a row facing Eastward. E is parked to the left of A, B and C, B, C and A are parked to the left of D. C is parked between A and B. If B is parked fourth from the left, how far is A parked from the right?
 - A. Fourth
 - B. Third
 - C. Second
 - D. First

Answer: A

- 4. Introducing a woman, a man said, "She is the only daughter-in-law of my mother."- How is the woman related to the man?
 - A. Cousin
 - B. Sister
 - C. Daughter
 - D. Wife

Answer: D





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- 5. A child has strayed from his path while coming home from the school. He first goes 3km towards south from his school and then moves 5 kms towards east. He again moves 3 kms towards north and then goes 2kms towards west. How far is his school situated from home?
 - A. 3 kms
 - B. 1 km
 - C. 2 kms
 - D. 8 kms

Answer: A

6. Determine the relationship between the first two words and then the second pair such that it is analogous to the first pair.

PROGRAM: QTRKWGT:: APPLIANCE:

- A. BRSPNGUKO
- B. BRSQNGUKN
- C. BRSQNGUKO
- D. BRSPNGUKN

Answer: D

7. The question consists of a problem question followed by two statements I and II. Find out if the information given in the statement(s) is sufficient in finding the solution to the problem.

Problem question: There are four friends, Akash, Manoj, Nitesh and Piyush. They are standing in increasing order of their heights facing towards North.At what position is Manoj standing?

Statements:

- I. Akash is taller than Piyush and Piyush is taller than Manoj. Manoj is not the shortest.
- II. Nitesh is smaller than Manoj and Piyush. Nitesh is the shortest and Piyush is the tallest.
- A. I alone is sufficient while II alone is not sufficient
- B. Il alone is sufficient while I alone is not sufficient
- C. Either I or II is sufficient
- D. Neither I nor II is sufficient
- E. Both I and II together are sufficient

Answer: C

- 8. From the given choices select the odd one out.
 - A. ADP
 - B. QTX
 - C. HKR
 - D. STE

Answer: D

- 9. Find the term that can replace '?' in the given analogy.
 - 24:50::102:?
 - A. 204
 - B. 206
 - C. 152
 - D. 156

Answer: B



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- 10. Arrange the words given below in a meaningful sequence.
 - 1) Furniture
 - 2) Plant
 - 3) Seed
 - 4) Tree
 - A. 1234
 - B. 4321
 - C. 3241
 - D. 2314
 - Answer: C
- 11. X walks 6 km towards East from a point A and from the same point A, Y walks 8 km towards South. How far are the two friends from each other now?
 - A. 19 km
 - B. 10 km
 - C. 12 km
 - D. 5 km
 - Answer: B
- 12. A person facing north walks 9 m towards his right, then again, he turns right and walks 4 m. He then turns right and walks for 6 m. What is the distance from the starting point?
 - A. 5 m
 - B. 6 m
 - C. 3 m
 - D. 12 m
 - Answer: A
- 13. X is the wife of Y. Y is the brother of Z. Z is the son of P. How is P related to X?
 - A. Sister
 - B. Aunt
 - C. Father-in-law
 - D. Brother-in-law

Answer: C









Wipro Elite NTH Quantitative Ability (Advanced) Questions

- 1. Choose the correct option.
 - -3,4 is a number on the real number line. If we subtract 1 from this number then the new number will be:
 - A. Farther from the origin than -3,4
 - B. Closer to the origin than -3,4
 - C. Equally farther from the origin, as -3,4 is
 - D. None of the above

Answer: B

2. Choose the correct option.

The number 456*85 is completely divisible by 3. Smallest whole digit number in place of * can be:

- A. 0
- B. 1
- C. 2
- D. 3

Answer: C

3. Choose the correct option.

The number of 5 -digit odd numbers that can be made from number 12345 are:

- A. 24
- B. 32
- C. 64
- D. 72

Answer: D

4. A quiz has one multiple choice question with answer choices A, B, and C, and two true/false questions.

What is the probability of answering all three questions correctly by guessing?

- A. 1/5
- B. 1/4
- C. 1/3
- D. 1/12

Answer: D

5. A total profit of Rs. 36,000is to be distributed among Rajesh, Salesh and Rajeev such that Rajesh: Salesh: S: 4 and Salesh: Rajeev: 8: 9. What is the share of Rajeev?

A. Rs. 12,000

B. Rs. 24,000

C. Rs. 10,000

D. Rs. 20,000

Answer: A







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- 6. When 2^{35} is divided by 5, the remainder is:
 - A. 2
 - B. 3
 - C. 4
 - D. 0

Answer: B

7. That is the value of the expression:

$$5 * (2 + 16)/2 - 4 * (2+2) + \frac{1}{4}$$
 of 16?

- A. 26
- B. 13
- C. 34
- D. 33

Answer: D

- 8. In an examination, a candidate is required to answer 5 questions in all, from 2 sections having 5 questions each. What are the total number of ways in which a candidate can select the questions, provided that at least two questions are to be attempted from each section?
 - A. 200
 - B. 20
 - C. 100
 - D. 10

Answer: A

- 9. A pie has to be divided amongst few kids. Puneet gets 2/7th portion of the pie and Sheela gets 5/8th portion of the pie. Who amongst the two gets lesser share?
 - A. Puneet
 - B. Sheela
 - C. Both get equal share
 - D. Cannot be determined

Answer: B

- 10. a, b and c are such that b is the simple interest on a, and c is the simple interest on b for the same period and same rate of interest. The relation between these three is:
 - A. $a^2 = bc$
 - B. $c^2 = ab$
 - C. $b^2 = ac$
 - D. a = b = c

Answer: C

- 11. How many litres of a 90% solution of concentrated acid needs to be mixed with a 75% solution of concentrated acid to get a 30 L solution of 78% concentrated acid?
 - A. 24 L
 - B. 22.5 L
 - C. 6 L
 - D. 17.5 L







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Answer: C

- 12. A bag contains 4 strawberries and 8 grapes. What is the probability that both the fruits drawn from it are strawberries?
 - A. 1/3
 - B. 1/11
 - C. 3/11
 - D. 1/6

Answer: B

- 13. Atul bought a machine for Rs.4,50,000 and sold it to Irrfan at a profit. Irrfan later sold the machine to Danish at a loss of 10% for Rs. 4,95,000. The profit earned by Atul is:
 - A. 23%
 - B. 21%
 - C. 25%
 - D. 22.22%

Answer: D







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Wipro Elite NTH Automata Basic | ELITE Coding Questions

1. Write an algorithm to generate the score of the player.

Input

The first line of the input consists of an integer - size, representing the size of the list (N).

The second line of the input consists of an integer - value, representing the numeric value by which the numbers in the lists will be divided (K).

The last the line consists of N space-separated Integers - num_0 , num_1 ,, num_{N-1} , representing the numbers in the list.

Output

Print an integer representing the score of the player.

Constraints

 $1 \le \text{size} \le 10^6$

 $1 \le \text{value} \le 10^6$

 $0 \le num_1 \le 10^6$

0 <u>< i</u> < size

Example

Input

5

4

Output

57

Explanation

The calculation is as follows:

25/4 = 6

26/4 = 6

54/4 = 13

81/4 = 20

48 / 4 = 12

Sum = 6 + 6 + 13 + 20 + 12 = 57.

Hence the output is 57.





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Code Solution in C:

```
#include <stdio.h>
int main()
{
    int n,m,sum=0,f;
    scanf("%d %d",&n,&m);
    int arr[n];
    for(int i=0;i<n;i++)
    {
        scanf("%d",&arr[i]);
    }
    for(int i=0;i<n;i++)
    {
        f=arr[i]/m;
        sum=sum+f;
    }
    printf("%d",sum);
    return 0;
}</pre>
```









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Code Solution in C++:

```
#include <iostream>
using namespace std;
int main()
{
    int n,m,sum=0,f;
    cin>n>>m;
    int arr[n];
    for(int i=0;i<n;i++)
     {
        cin>>arr[i];
    }
    for(int i=0;i<n;i++)
     {
        f=arr[i]/m;
        sum=sum+f;
    }
    cout<<sum;
    return 0;
}</pre>
```









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Code Solution in JAVA:

```
public class Main
{
   public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int arr[]=new arr[n];
        for(int i=0;i<n;i++)
        {
            arr[i]=sc.nextInt();;
        }
        for(int i=0;i<n;i++)
        {
            f=arr[i]/m;
            sum=sum+f;
        }
        System.out.ptint<<sum;
    }
}</pre>
```









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2. You are playing an online game. In the game, a list of N numbers is given. The player has to arrange the numbers so that all the odd numbers of the list come after the even numbers. Write an algorithm to arrange the given list such that all the odd numbers of the list come after the even numbers.

Input

The first line of the input consists of an integer num, representing the size of the list (N). The second line of the input consists of N space-separated integers representing the values of the list.

Output

Print N space-separated integers such that all the odd numbers of the list come after the even numbers.

Example

Input

8

10 98 3 33 12 22 21 11

Output

10 98 12 22 3 33 21 11

Explanation

All the even numbers are placed before all the odd numbers.







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Code Solution in C:

```
#include<stdio.h>
int main()
{
    int arr_size;
    scanf("%d",&arr_size);
    int arr[arr_size];
for(int i=0;i<arr_size;i++)</pre>
         scanf("%d",&arr[i]);
for(int i=0;i<arr_size;i++)</pre>
        if(arr[i]%2==0)
             printf("%d ",arr[i]);
    for(int i=0;i<arr_size;i++)</pre>
        if(arr[i]%2!=0)
             printf("%d ",arr[i]);
    return 0;
```





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Code Solution in C++:

```
#include<iostream>
using namespace std;
int main()
    int arr_size;
    cin>>arr_size;
    int arr[arr_size];
    for(int i=0;i<arr_size;i++)</pre>
         cin>>arr[i];
    for(int i=0;i<arr_size;i++)</pre>
         if(arr[i]%2==0)
             cout<<arr[i];
    for(int i=0;i<arr_size;i++)</pre>
        if(arr[i]%2!=0)
             cout<<arr[i];
    return 0;
```





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Code Solution in JAVA;

```
import java.util.*;
public class Main
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int arr[]=new int[n];
        for(int i=0;i<n;i++)</pre>
            arr[i]=sc.nextInt();
        for(int i=0;i<n;i++)
            if(arr[i]%2==0)
                 System.out.print(arr[i]);
        for(int i=0;i<n;i++)</pre>
            if(arr[i]%2!=0)
                 System.out.print(arr[i]);
```







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Wipro Elite NTH Essay Writing Tips and Questions

Wipro Elite NTH Essay Writing round gets conducted on AMCAT's WriteX portal. The Essay Writing topics are quite interesting and easy to score provided you meet all the criteria under which WriteX evaluates your essay.

Here is the list of parameters that generally gets evaluated on WriteX.

- Spelling
- Grammar
- Punctuation
- Topic Relevancy
- Essay Structure
- Word Limit (100 to 400 Words)

In order to perform well in this round, keep the following things in mind:

- Organize your thoughts
- Form simple sentences
- Use short-length and common words
- Build proper structure (Introduction, Body and Conclusion)
- Segregate Passages Properly
- Cross-check the entire essay once

Things that need to be avoided:

- Spelling mistakes
- Grammatical errors
- Punctuation errors
- Not matching minimum word limit

Here is the latest asked essay writing question in the Wipro Elite NTH Recruitment Process.

Direction: Write a detailed response pf around **100 to 400 words** for the topic provided. Compose your response in a paragraph format. Providing relevant facts and logical arguments along with suitable examples.

Topic: The use of online messaging apps has bridged the communication gap between people living far apart.

Do you agree or disagree? In your view, how have these apps transformed relationships? Substantiate your response with reasons and suitable example:

