Wipro Elite NTH English Comprehension Questions

1. 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 appropriate atmospheric conditions made it feasible for the astronomers to see the stars *and they could even distinguish the sizes*.
   A. And even distinguish the sizes
   B. And they were even distinguishing the sizes
   C. And he could even distinguish the sizes
   D. And even distinguishing the sizes.
   Answer: A

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.
   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

3. Select the correct option that fills the blank(s) to make the sentence meaningfully complete.
   Many employees feel that the economic situation should not be a _____ to the performance management system of any organization.
   A. Deterrent
   B. Encouragement
   C. Problem
   D. Symptom
   Answer: A

4. Select the correct option that fills the blank(s) to make the sentence meaningfully complete.
   Mentally he _____ not been the same after his near fatal accident.
   A. Has
   B. Was
   C. Have
   D. Is
   E. Had
   Answer: A

5. Select the correct option that fills the blank(s) to make the sentence meaningfully complete.
   Everyone improves ____ standards but this is a complete overhaul of the erstwhile superb.
   A. On
   B. At
   C. In

D. The
Answer: D

6. Read the sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is "D'. (ignore - the errors of punctuation, if any)
(A)The meeting adjourned abruptly/(B) by the CEO after/(C) about three hours of deliberation./(D) No error
A. (A)
B. (B)
C. (C)
D. (D)
Answer: A

7. Select the word or phrase which best expresses the meaning of the given word.
PROFUSE
A. Defuse
B. Ample
C. Flimsy
D. Accept
E. Declare
Answer: B

8. Select the word or phrase which best expresses the meaning of the given word.
CREDULITY
A. Credible
B. Discipline
C. Gullible
D. Weakness
Answer: C

9. Select the option that is most nearly opposite to the given word.
FUTILE (OPPOSITE)
A. Useful
B. Handy
C. Functional
D. Positive
Answer: A

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

Answer: E

Direction (Q11 to Q14): 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 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%.

11. 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

12. 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

13. 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

14. 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

Direction (Q15 to Q18): Read the given passage carefully and answer the question that follows.

My phone rings again. It is futile to ignore it anymore. Maneesha is persistent. She will continue to bedevil me until I acquiesce.
"Hello", I answer.
"The circus, Atika?" she says in her sing-song voice. "When are we going? Only two more days left!"
I abhor the Circus. The boisterous crowds, the overwhelming smell of animal feces, the insanely long lines with wailing children and the impossibility of finding a clean restroom all combine to make this an event that I dread.
For Maneesha, my best friend since the angst of middle school, the Circus is a sign
that divine powers really do exist.
"Really, Atika, where else can you pet an elephant, see a stuntman ride a horse, laugh till you are ready to cry, see the world's smallest person and eat fried potatoes and butter soaked popcorn?" Maneesha asks gleefully.
"Hell?" I guess.
The fried food at the Circus is a gastronomical nightmare on its own. I once tried a fried Cottage Cheese stick at the fair and was sick to my stomach for hours. And a fried burger with oil soaked potato patty, cheese, multicolored sauces AND a greasy slice of cottage cheese? How could that not be deleterious to your health?

15. What does it mean to acquiesce?
    A. To give in
    B. To speak kindly
    C. To pay attention
    D. To answer the phone

Answer: A

16. How does Maneesha seem to feel about the circus?
    A. Ambivalent
    B. Condescending
    C. Jubilant
    D. Nonchalant

Answer: D

17. Why might the author have chosen to capitalize all the letters in the word "and" when writing about the burger she ate?
    A. To make sure the reader understood it was a list
    B. To show that a greasy slice of cottage cheese was the last ingredient
    C. To highlight her dislike of greasy slice of cottage cheese
    D. To emphasize how many ingredients were in the burger
    Answer: D

18. What does the term gastronomical suggest?
    A. Enormous
    B. Health risk
    C. Culinary issue
    D. Resulting in gas
    Answer: C

Wipro Elite NTH Logical Ability Questions

1. From the given choices select the odd one out.
   A. AFB
   B. MRN
   C. KPL
   D. RXS
   Answer: D

2. From the given choices select the odd one out.
   A. ADG
   B. HKN
   C. PSW
   D. MPS
   Answer: C

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. A man moves 2 kms towards east, then 3 kms towards South and again 2 kms towards west and then he goes 2 kms towards the initial point from where he started. In which direction is he from his initial position?
   A. East
   B. South
   C. West
   D. North
   Answer: B

5. P is the father of R but is not his son. M is the spouse of R. How is M related to P?
   A. Son-in-law
   B. Wife
   C. Daughter-in-law
   D. Uncle
   Answer: A

6. Two friends A and B start walking from a common point. A goes 20 kms towards north-east whereas B goes 16 kms towards east and then 12 kms towards north. How far are A and B from each other?
   A. 14 kms
   B. They are at the same place at the finishing point

C. 15 kms
D. Data is insufficient
Answer: A

7. Find the missing term in the series.
   2,3,7,8,13,14......
   A. 24
   B. 21
   C. 18
   D. 20
   Answer: D

8. 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: How much time would a machine take to put caps on 300 bottles?
   Statements:
   I.   It takes 8 hours to put caps on 300 bottles manually.
   II.   It takes 2 minutes lesser to put cap on a bottle using machine than putting it manually.
   A. Statement I alone is sufficient in answering the problem question
   B. Statement II alone is sufficient in answering the problem question
   C. Either of the statements taken individually is sufficient in answering the problem question
   D. Both statements put together are sufficient in answering the problem question
   E. Both the statements even put together are not sufficient in answering the problem question
   Answer: D

9. From the given choices select the odd one out.
   A. ADP
   B. QTX
   C. HKR
   D. STE
   Answer: D

10. Find the next number in the series.
    1,4,18,48,....
    A. 120
    B. 64
    C. 100
    D. 96
    Answer: C

11. Read the passage carefully and select the statement that can be inferred from it.
    Of all the fitness and wellness activities customary in India, Artistic yoga is the new kid in town. It has successfully earned a pat on the back from whosoever has lent an ear to the latest advancements. Artistic yoga combines the suaveness of yoga and the frenzy of modern cardio-vascular exercises. The technique involves performance of various aasanas and pranayams followed by walking on treadmill, stair climbing, cycling and so on. The activities are performed in a cyclic order and the

aasana or pranayam that is done in the beginning is repeated in the end. This helps an individual at the physical level as well as the mental and spiritual level, thus helping bring about a complete transformation of body, mind and soul.

A. Artistic yoga helps in the overall development of those who practise it
B. Artistic yoga has been adopted by modern people since it is in fashion these days
C. All the activities performed at the beginning of artistic yoga are also repeated in the end
D. Since it combines yoga and exercises, artistic yoga will replace other fitness and wellness programmes.

Answer: A

12. 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: The set S of numbers has the following properties: a) If p is in S, then 1/p is in S b) if both p and q are in S, then so is p+q is 5 in S?

Statements:

I.   1/5 is in S
II.   1/2 is in S

A. Statement I alone is sufficient in answering the problem question
B. Statement II alone is sufficient in answering the problem question
C. Both the statements put together are sufficient in answering the problem question
D. Both the statements even put together are not sufficient in answering the problem question
E. Either of the statement is sufficient to answering the problem question

Answer: A

13. Choose the option that arranges the given set of words in the 'most" meaningful order. The words when put in order should make logical sense according to size, quality, quantity, occurrence of events, value, appearance, nature, process, etc.

1. Animals
2. Biology
3. Science
4. Lion
5. Zoology

A. 3,5,2,1,4
B. 3,2,5,1,4
C. 3,1,2,5,4
D. 3,1,4,5,2

Answer: B

Wipro Elite NTH Quantitative Ability (Advanced) Questions

1. Choose the correct option.
   Ram is five years elder to his youngest sibling Shreya. Shreya is two years younger than her brother Ritesh. Ritesh is 13 years old and is Ram's brother. How old will Ram be in two years from now?
   A. 16
   B. 17
   C. 20
   D. 15
   E. 18
   Answer: E

2. Choose the correct option.
   -3.4 is a number on the real number in 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: A

3. Choose the correct option.
   What is the unit digit of the following sum: $1+ 2^2 + 3^3 + 4^4 + 5^5 + 6^6$?
   A. 0
   B. 4
   C. 7
   D. 9
   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. In a poultry farm, 50 hens give 200 eggs in 2 days. In how many days will 20 hens give 400 eggs?
   A. 15
   B. 10
   C. 5
   D. 8
   Answer: B

6. If from a deck of 52 cards,4 cards are selected and one card of it should be spade and another should be heart, in how many ways can these cards be selected?
   A. $13^2 * {}^{50}C_2$
   B. ${}^{52}C_4$
   C. $26 * {}^{50}C_2$
   D. ${}^{13}C_4$
   Answer: A

7. Which number should be multiplied by 43 so that it will have 3 prime factors?
   A. 2
   B. 3
   C. 6
   D. 8
   Answer: C

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: A

10. The LCM AND HCF of two numbers are 2970 and 30 respectively. Prime factors of the product of two numbers are:
    A. 2,3,5,11
    B. 2,3,7,11
    C. 2,4,5,11
    D. 2,3,7,13
    Answer: A

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

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. A Shopkeeper offers 'Buy 1, Get 1 Free' offer on a t-shirt marked at Rs. 2,400. If after a sale, the shopkeeper earns a profit of 33.33%, then what is the actual price of the t-shirt?
    A. Rs. 900
    B. Rs. 800
    C. Rs. 1,200
    D. Rs. 1,000
    E. Rs. 1,500
    Answer: A

14. 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

15. What is the value of (a,y) in $(13^{-20} - a \times 13^y) = 168 \times 13^{-22}$?
    A. (1, 2)
    B. (0, 1)
    C. (-1, 2)
    D. (-1, 22)
    E. (1, -22)
    Answer: E

16. Choose the correct option.
    Rahul can finish one-fifth of his homework in one hour. Neha can finish three-seventh of her homework in one hour thirty minutes and Riya can finish three fourth of her homework in three hours thirty minutes. If all of them start their homework at 12.00 p.m. and can go to play as soon as they all finish their homework, when can they start to play, if they take a break at 3.30 p.m. for thirty minutes?
    A. 5.00 p.m
    B. 5.30 p.m
    C. 4.40 p.m
    D. 6.30 p.m
    E. 3.30 p.m
    Answer: B

Wipro Elite NTH Automata Basic || Elite (Coding) Questions

1. The online math course provider 'MathAtTip' has designed a course for children called Learning Number Recognition and Counting. The assessment part of the course has a question where the student is given a number and a digit. The student needs to find out the total count of the digits present in the number excluding the given digit.
   Write an algorithm to help the student find out the count of the total number of digits present in the number excluding the given digit.

   Input

   The input consists of two integers - number and digit where the first line integer represents the number and the second line integer represents the digit given to the student.

   Output

   Print an integer representing the count of the total number of digits present in the number excluding the given digit.

   Constraints

   $0 < number \leq 10^9$

   $0 < digit \leq 9$

   Example

   Input

   5644456

   5

   Output

   5

   Explanation

   Excluding 5; the digits in the number are 4 and 6 their total count is 5. Hence the output is 5.

   Code Solution in C:

```c
#include <stdio.h>

int getCount(long long int n , int k)
{
  int count = 0;
  while (n != 0) {
      if((n%10)!=k)
    count++;
    n = n / 10;
  }
  return count;
}

int main()
{
  long long int  n;
  int k;
  scanf("%lld",&n);
  scanf("%d",&k);
  printf(" %d ", getCount(n,k));
  return 0;
}
```

   Code Solution in C++:

```cpp
1 #include <iostream>
2 using namespace std;
3
4 int getCount(long long int n , int k)
5 {
6   int count = 0;
7   while (n != 0) {
8       if((n%10)!=k)
9     count++;
10    n = n / 10;
11  }
12  return count;
13 }
14
15 int main()
16 {
17   long long int  n;
18   int k;
19   cin>>n;
20   cin>>k;
21   cout<<getCount(n,k);
22   return 0;
23 }
```

Code Solution in Java:

```java
1 import java.io.*;
2 import java.util.*;
3 class Gfg{
4    static int getCount(long n, int k)
5    {
6      int count = 0;
7
8      while (n != 0) {
9          if((n%10)!=k)
10          {
11       count = count+1;
12          }
13        n = n / 10;
14      }
15
16      return count;
17    }
18
19    public static void main(String[] args)
20    {
21      long n;
22      int k;
23      Scanner in = new Scanner(System.in);
24      n=in.nextLong();
25      k=in.nextInt();
26      System.out.println(getCount(n,k));
27    }
28 }
```

Code Solution in Python:

```python
1 def getCount(n,k):
2      count = 0
3      while (n != 0):
4          if (n % 10)!=k:
5              count = count + 1
6          n = int(n/10)
7      return count
8
9 n=int(input())
10 k=int(input())
11 print(getCount(n,k))
```

2. The e-commerce company "TodaysApparel" has a list of sales values of N days. Some days the company made a profit, represented as a positive sales value. Other days the company incurred a loss, represented as a negative sales value. The company wishes to know the number of profitable days in the list.

Write an algorithm to help the company know the number of profitable days in the list.

Input

The first line of input consists of an integer - numDays representing the number of days (N).

The second line of input consists of N space- separated integers - sales[0], sales[1] ....sales[N-1] representing the sales value of N days respectively.

Output

Print an integer representing the number of days the company made a profit.

Example

Input

7

23 -7 13 -34 56 43 -12

Output

4

Explanation

The number of positive sales values in the list is 4. Hence the output is 4.

Code Solution in C:

```c
1  #include <stdio.h>
2
3  int countPositiveSales(int* arr, int n)
4  {
5    int pos_count = 0;
6    int i;
7    for (i = 0; i < n; i++) {
8      if (arr[i] > 0)
9        pos_count++;
10   }
11   return pos_count;
12 }
13
14 int main()
15 {
16   int n;
17   scanf("%d",&n);
18   int arr[n];
19   for(int i=0;i<n;i++)
20     scanf("%d",&arr[i]);
21   printf("%d\n",countPositiveSales(arr, n));
22   return 0;
23 }
```

Code Solution in C++:

```cpp
1  #include <iostream>
2  using namespace std;
3
4  int countPositiveSales(int arr[], int n)
5  {
6    int pos_count = 0;
7    int i;
8    for (i = 0; i < n; i++) {
9      if (arr[i] > 0)
10        pos_count++;
11   }
12   return pos_count;
13 }
14
15 int main()
16 {
17   int n;
18   cin>>n;
19   int arr[n];
20   for(int i=0;i<n;i++)
21   cin>>arr[i];
22   cout<<countPositiveSales(arr, n);
23   return 0;
24 }
```

Code Solution in Java:

```java
import java.util.Scanner;

public class Main
{
    public static void main(String args[])
    {
        int pos_count =0, i, n;
        Scanner in = new Scanner(System.in);
        n=in.nextInt();
        int arr[] = new int[n];
        for(i=0; i<n; i++){
            arr[i] = in.nextInt();
        }
        for(i=0; i<n; i++){
            if(arr[i] > 0){
                pos_count++;

            }
        }

        System.out.println(pos_count);
    }
}
```

Code Solution in Python:

```python
lst = [ ]
n = int(input())
lst = [int(item) for item in input().split()]

pos_count = 0
for num in lst:
  if num >= 0:
    pos_count += 1

print(pos_count)
```

Wipro Elite NTH Essay Writing Tips

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