

WIPRO ELITE NTH 19TH OCT 2019 [SLOT – 1]

1. Arrange in sequence

A - disappointed if

B - not fulfilled

C - do not be

D - or

E - promises are

F - friends let you down

Answer: C, A, F, D, E, B

2. Read the sentence and find out whether there is any grammatical error in it.

(A) A salesman of that (B) company tried to (C) cheated a naive lady.

Answer: (C)

PASSAGE:

Sixty years ago, on the evening of August 14, 1947, a few hours before Britain's Indian Empire was formally divided into the nation-states of India and Pakistan, Lord Louis Mountbatten and his wife, Edwina, sat down in the viceregal mansion in New Delhi to watch the latest Bob Hope movie, "My Favorite Brunette." Large parts of the subcontinent were descending into chaos, as the implications of partitioning the Indian Empire along religious lines became clear to the millions of Hindus, Muslims, and Sikhs caught on the wrong side of the border. In the next few months, some twelve million people would be uprooted and as many as a million murdered. But on that night in mid-August the bloodbath - and the fuller consequences of hasty imperial retreat—still lay in the future, and the Mountbattens probably felt they had earned their evening's entertainment. While the Mountbattens were sitting down to their Bob Hope movie, India's constituent assembly was convening in New Delhi. The moment demanded grandiloquence, and Jawaharlal Nehru, Gandhi's closest disciple and soon to be India's first Prime Minister, provided it. "Long years ago, we made a tryst with destiny, " he said. "At the stroke of the midnight hour, while the world sleeps, India will awaken to life and freedom. A moment comes, which comes but rarely in history when we step out from the old to the new when an age ends, and when the soul of a nation, long suppressed, finds utterance."

Posterity has enshrined this speech, as Nehru clearly intended. But today his quaint phrase "tryst with destiny" resonates ominously, so enduring has been the political and psychological scars of partition. The souls of the two new nation-states immediately found utterance in brutal enmity. In Punjab, armed vigilante groups, organized along religious lines and incited by local politicians, murdered countless people, abducting and raping thousands of women. Soon, India and Pakistan were fighting a war—the first of three—over the disputed territory of Kashmir. Gandhi, reduced to despair by the seemingly endless cycle of retaliatory mass murders and displacement, was shot dead in January 1948, by a Hindu extremist who believed that the father of the Indian nation was too soft on Muslims. Jinnah, racked with tuberculosis and overwork, died a few months later, his dream of a secular Pakistan apparently buried with him.

4. From the passage, what can we conclude about the view of the author about Lord Mountbatten?

a) Appreciative

- b) Sarcastic
- c) Neutral
- d) Speculative

Answer: Sarcastic

5. What is the author likely to agree to as the reason for the chaos in the sub-continent in 1947?

- a) Because Gandhi was assassinated
- b) Because the British left the sub-continent in haste.
- c) Because the Hindus and Muslims could not live in peace.
- d) Because Lord Mountbatten was watching a movie on 14th August 1947.

Answer: Because the British left the sub-continent in haste.

6. What could possibly “grandiloquence” mean as inferred from the context in which it has been used in the passage?

- a) Grand Party
- b) Celebrations
- c) Lofty speech
- d) Destiny

Answer: Lofty speech

7. What is the author primarily talking about in the article?

- a) Mountbatten’s association with India.
- b) Nehru’s speech
- c) Gandhi’s assassination
- d) The aftermath of the partition.

Answer: The aftermath of the partition.

8. In the view of the author, What does the Nehru’s phrase “tryst with destiny” symbolise today?

- a) A celebration of Indian Independence
- b) An inspirational quote
- c) A reminder of Gandhi’s assassination
- d) A symbol of the ills of the partition

Answer: A symbol of the ills of the partition

9. The author persists on talking about the “Bob Hope movie” in the article. Why?

- a) Because the movie was a classic of 1947
- b) He thinks it caused the partition of the sub-continent.
- c) He uses it to show the apathy of the Britishers towards the sub-continent
- d) It was Mountbatten’s favourite movie.

Answer: He uses it to show the apathy of the Britishers towards the sub-continent

10. What does the author imply about the future of Pakistan?

- a) It becomes a secular country.
- b) It becomes unsecular.
- c) It is unprosperous.
- d) It becomes a rogue state.

Answer: It becomes unsecular.

11. Why was Gandhi assassinated?

- a) Because he was favouring the Muslims.
- b) His assassin thought he was partial to the Muslims.
- c) He got killed in the violence after partition.
- d) None of these

Answer: His assassin thought he was partial to the Muslims.

12. Neither Surekha _____ Ravi will be able to attend the meeting on Sunday.

Answer: nor

13. In the question, a part of the sentence is italicized. Alternatives of the italicized part are given which may improve the construction of the sentence. Select the correct alternative. Kids are fascinated by all kinds of animated toys, hence there has been increase in demand of such products in the market recently.

Answer: Hence there has been an increase in demand of

14. A major step taken to reduce global warming is decreasing the use of electricity _____ replacing electric bulbs with CFL tubes.

Answer: By

15. Improve the sentence by selecting the correct alternative to the italicized part of the sentence.

As per the weather prediction, it will rain heavily for the next one week.

Answer: forecast

16. But it would not be the first time when politicians tried to _____ religious symbols to win votes.

Answer: adapt

17. INSTIGATE (opposite)

Answer: Prevent

PASSAGE:

Since the late 1970s when the technology for sex determination first came into being, sex-selective abortion has unleashed a saga of horror. Experts are calling it “sanitised barbarism”. Demographic trends indicate the country is fast heading towards a million female foetuses aborted each year. Although foetal sex determination and sex selection is a criminal offence in India, the practice is rampant. Private clinics with ultrasound machines are doing brisk business. Everywhere, people are paying to know the sex of an unborn child. And paying more to abort the female child. The technology has even reached remote areas through mobile clinics. Dr. Puneet Bedi, obstetrician and specialist in foetal medicine, says these days he hardly sees a family with two daughters. People are getting sex determination done even for the first child, he says.

Spreading like a virus a recent media workshop on the issue of sex selection and female foeticide brought home the extent of the problem. Held in Agra in February, the workshop was organised by UNICEF, Business Community Foundation, and the Centre for Advocacy and Research. Doctors, social scientists, researchers, activists, bureaucrats, journalists told their stories of what they were doing to fight the problem.

18. Which of the following will Dr. George agree to?

- a) The girl child is as safe in the mother's womb as after birth
- b) The girl child is safe in the mother's womb in comparison to after birth
- c) The girl child is safer after birth as compared to mother's womb
- d) None of these

Answer: Option B

19. What is the solution to the problem of female foeticide as envisioned by Dr. Bedi?

- a) Effective use of law
- b) Mass public outrage
- c) Comparison with Nithari killing
- d) Contempt towards doctors

Answer: Option B

20. What is the topic of the passage?

- a) Factual
- b) Biased
- c) Aggressive
- d) Sad

Answer: Option A

21. What is Akhila Sivadas's opinion on the PCPNDT act?

- a) The act is inconsistent
- b) The act needs reform
- c) The act encourages demand for foeticide
- d) The act is sound, but needs enforcement

Answer: Option D

22. What does the word 'sanitised' imply in the 1st para of passage?

- a) Unforgivable
- b) Legitimate
- c) Free from dirt
- d) None of these

Answer: Option c

23. Which two people suggest 2 similar problems?

- a) Agnihotri and George
- b) Bedi and Agnihotri
- c) George and Bedi
- d) George and Sivadas

Answer: Option d

24. Which demand does the author refer to in para 5?

- a) demand for principled doctor
- b) demand for high income jobs for women
- c) demand for youth icons
- d) demand for sex determination and abortion

Answer: Option D

25. Pick the odd man out

PSRQ, MNPO, SVUT, KNML

Answer: MNPO

26. D and E have three children A, B and C. F is A's spouse. D is the grandfather of G. B is the mother of H. F is G's father. Who is the male child of D and E?

Answer: Part (C)

27. M and N have children A and B. F is spouse of B. D is child of F. P is son in law of N. K is kid of P. Who is male child of M and N.?

Answer: Bis the male child

28. Seeta who is the sister-in-law of arvind, is the daughter-in-law of sumedha. deepak is the father of saarthak, who is the only brother of arvind. how is sumedha related to arvind?

Answer: Mother

29. Mayank travelled a distance of 80 m towards North. Then he turns right and travels 65 m, then again turns northwards and travels 45 m. He further travels by turning 45 degree clockwise. Towards which direction is he running now?

Answer: North-East

30. Problem Question: Who is the fastest among the three workers. X, Y and Z?

Statements:

I) X and Y together take 12 minutes to paint a room.

II) X, Y and Z together can complete the work in 17 minutes.

Answer: Both statements put together are sufficient in answering the problem question.

31. Problem Question: Ionization energy decreases with the increasing size of metal atom Out of cesium, Lithium, potassium and sodium, which will have the lowest ionization energy?

Statements:

I) Lithium has the smallest size.

II) The size of potassium and cesium is greater than lithium

Answer: Both statements put together are not sufficient in answering the problem question.

32. Arrange in sequence

1. Office, 2. Cabin, 3. City, 4.Desk, 5. Building

Answer: 42153

33. Read the passage and select the statements 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 practice 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 programs
- Answer: Option C

34. Read the passage and select the statements that can be inferred from it.

There are ways to spice up one's work And I am surely not asking you to be an office gossip-monger. There are predominantly three kinds of people at a work-place. Firstly, the ones who work for money alone, and wouldn't devote even an iota of their time beyond the 9-5 office timings, They are usually not happy with what they are doing, unlike the others, Secondly, there are those, for whom, work is a means of getting appreciation and rewards. They are happy N they feel their efforts are being acknowledged and rewarded. They stretch themselves to finish their work on time and are an asset to the organization. Thirdly, the ones who consider work as an end in itself. They put their heart and soul into their work and never worry about rewards. I am just asking you to try and transform yourself into one of the the latter two.

Answer: People belonging to the second and third kinds are have higher job satisfactions.

35. Read the passage and select the statements that can be inferred from it.

Skeptics argue that flying saucers and JFOs that are believed to be guided by extraterrestrial beings or aliens are creations of human imagination. They have demonstrated that a number of photographs that apparently show flying saucers are either phony or are misinterpreted images of earthly or natural objects such as aeroplanes or meteors. However, there are scientists who have also contributed plenty of evidence and asserted that aliens do exist

- a) Lack of credibility of photographic evidence should be taken as proof of non existence of aliens
- b) While the existence of flying saucers and IJFOs has been denied, the possibility of alien beings is still a reality
- c) UFOs and flying saucers, it a reality, are of the same shape and size as aeroplanes
- d) The fact that a number of photographs of flying saucers are taken cannot disprove the existence of aliens and UFOs

Answer: Option B. While the existence of flying saucers and IJFOs has been denied, the possibility of alien beings is still a reality

36. The number $456*85$ is completely divisible by 3. Smallest whole digit number in place of * can be:
Answer: 2

37. Simplify: $(1443/2)$
Answer: $2Vv3$

38. The number of 5-digit odd numbers that can be made from number 12345 are:
Answer: 72

39. Ronald and Elan are working on an assignment. Ronald takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take working together on two different computers to type an assignment of 110 pages?
Answer: 8 hours 15 minutes

40. What is the values for X & Y in $72X23Y$ for it to be perfectly divisible by 88?

Answer: $X=7$ & $Y=2$

41. Jagdish can build a wall in 10 days. narender can build same wall in 12 days while sumit takes 15 days to do the same the job. which two of them should be employed to finish the job in 6 days?

Answer: Jagdish and Sumit

42. If we permute 5 letters of the word 'lemon' in $5!$ ways. in how many words vowels do not come together?

Answer: 72

43. Aman bought 400 meters of cloth for Rs. 40,000 & sold it at a rate of Rs. 200 per one and a half meter. What was the percentage profit or loss?

Answer: 33% profit

44. If from a deck of 52 cards, 4 cards are to be selected and 1 card of it should be spade and another should be heart, in how many ways can these cards be selected?

Answer $13^2 * 50C2$

45. Both shruti and Pooja randomly choose a colour from orange and yellow. What is the probability that both choose orange?

Answer: $(2/3)$

46. Mehak was in a whimsical mood and to reach her home from her office she took the following steps -4 steps towards north ,3 steps towards east,8 steps towards south,6 steps towards west,7 steps towards north,5 steps towards east, 6 steps towards south,4 steps towards west and finally reached home taking 3 steps towards north.the location of Mehak's home with respect to her office is

Answer: 2 steps to the west

47. When 2^{35} is divided by 5, the remainder is:

Answer: 3

48. A started business with Rs. 2,70,000 and was joined by B three months afterwards. how much money did b invest if the profit share of the A at the end of the year was three-fifth of the total profit?

Answer: 2,40,000

49. The unit digit of 3^{34} is:

Answer: 9

50. How many liters of a 90% of concentrated acid needs to be mixed with a 75% solution of concentrated acid to get a 30 liter solution of 78% concentrated acid?

Answer: 6 Litre

51. Population of a village is 8,000. The number of males and female increased by 6% and 10% respectively, and consequently the population of the village becomes 8,600. What was the number of females in the village

Answer: 5000

52. 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:

Answer: $b^2 = ac$

53. Atul bought a machine for 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:

Answer: 22.22%

54. What is the value of (a,y) in $(13^{-20} - a * 13^y) = 168 * 13^{(-22)}$?

Answer: (1, -22)

55. Ashopkeeper offers buy one get one free offer on a shirt marked at Rs. 2400. If after a sale, the shopkeeper earns a profit of 33.33% then what is the actual price of the T- shirt?

Answer: Rs. 900

56. A rectangle's length is 4 times its breadth it has an area of 2500 square yards what is the length of the rectangle?

Answer: 100 Yards

57. every year before the festive season, a shopkeeper increases the price of the product by 35% and then introduce two successive discount of 10% and 15% respectively. what is percentage loss and percentage gain?

Answer: 3.27% gain

58. Find the remainder when (888... repeat 63 times) is divided by 9.

Answer: 0

59. What will be the value of A and B: $A8+96=1AB$?

Answer: Inconsistent data

60. A can finish a job in 12 hours, B in 14 hours. A and B work alternatively starting with A. If A earns Rs. 50 per hour how much does A earn through this job?

Answer: Rs. 350

61. 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 12:00pm 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 3:30pm for thirty minutes?

Answer: 5:30 pm

62. Please discuss your views on the topic below.

Please compose your response in paragraph format. Write a detailed response providing relevant facts and logical arguments. Justify your opinion with suitable examples. The length of the essay should be between 100 and 400 words.

Culture and tradition are as important as science to the progress and well-being of society.

Write a response that critically analyses how culture and tradition influence society amidst the effects

of scientific and technological development.

63. Please discuss your views on the topic below. Please compose your response in paragraph format. Write a detailed response providing relevant facts and logical arguments. Justify your opinion with suitable examples. The length of the essay should be between 100 and 400 words.

The true definition of success is to have a healthy work-life balance. Happiness in either work or home is short-lived if it is not balanced by happiness in the other.

Write a response examining the needs of personal and professional life. How do we achieve proper balance? How can you make success everlasting?

CODING

1. The e-commerce company BookShelf wishes to analyse its monthly sales data between minimum range 30 to maximum range 100. The company has categorized these book sales into four groups depending on the number of sales with the help of these groups the company will know which stock they should increase or decrease in their inventory for the next month. The groups are as follows.

Sales	Range Groups
30-50	D
51-60	C
61-80	B
81-100	A

Write an algorithm to find the group for given book sale count.

Input

The input consists of an integer saleCount representing the total sales of a book.

Output

Print a character representing the group for a given sale count.

Constraints

$30 \leq \text{SaleCount} \leq 100$

Example:

Input

57

Output

Explanation:

57 lies in the range 51 to 60, so the group is B.

Answer:

```
#include <stdio.h>
```

```
int main()  
{
```

```

int n;
scanf("%d",&n);
if(n>=30 && n<=50)
    printf("D");
else if(n>=51 && n<=60)
    printf("C");
else if(n>=61 && n<=80)
    printf("b");
else if(n>=81 && n<=100)
    printf("A");

return 0;
}

```

2. Jackson a math research student, is developing an application on triangles in mensuration. For the two triangle on the application display with base and height given., the user must Identify triangle with the largest area. Jackson now write an algorithm to find the area of the largest triangle. To find the area of the triangle with base and height given, the following formula is used.

Area of the triangle = (base * height)/2

Write and algorithm to find the area of the largest triangle.

Input: The first line of the input consists of two space separated positive integers - base1, height1 representing the base and height of the first triangle. The Second line consists of two space separated positive integers - base2, height2, representing the base and height of the second triangle.

Output: Print a real number representing the area of the largest triangle rounded up to 6 decimal places

Constraints: $0 < \text{base1}, \text{height1}, \text{base2}, \text{height2} < 10^9$

Example

Input:

5 8

4 11

Output:

22.000000

Explanation: Area of the first triangle is 20.000000 $(3*8)/2$

Area of the second triangle is 22.000000 $((4*1)/2)$

So the output is 22.000000

Answer:

Area of triangle

#include <stdio.h>

```

int main()
float h1,b1,h2,b2,a1,a2;
scanf("%F%F%F%F", &h1,&b1,&h2,&b2);
a1 = (h1*b1)/2;
a2 = (h2*b2)/2;
if(a1>a2)
    printf("%f",a1);
else
    printf("%f",a2);

return 0;
}

```

3. A data company wishes to store its data files on the server. They .. N files. Each file has a particular size. The server stores the files in bucket list. The bucketID is calculated as the sum of the digits of its file size. The server .. the bucket ID for every file request where the file is stored.

Write an algorithm to find the bucketIDs where the files are stored.

Input

The first line of the input consists of an integer numFiles, representing the number of files to be stored (N).

The second line consists of N space-separated integers — fileSize, fileSize_i, fileSize₂, fileSize_n, representing the sizes of the files.

Output

Print N space-separated integers representing the bucket IDs for each file, respectively.

Constraints:

$0 \leq \text{numfiles} \leq 10^6$

$0 \leq \text{fileSize}_i \leq 10^6$

$0 \leq i < \text{numfiles}$

Example

Input

```

4
43 345 20 987

```

Output

```

7 12 2 24

```

Explanation:

The file ID 0 is of 43. So, it is stored in bucket ID 7(4 + 3)

The file ID is of size 345. So, it is stored in bucket ID 12(3 + 4 +5)

The bucket IDs for the remaining files are calculated similarly

Answer:

```

#include <stdio.h>
int main()
{
int n,i,a,sum;

```

```
scanf("%d",&n);
int arr[n];
for(i=0;i<n;i++)
    scanf("%d",&arr[i]);
for(i=0;i<n;i++)
{
    sum=0;
    while(arr[i]>0)
    {
        a=arr[i]%10;
        sum=sum+a;
        arr[i]=arr[i]/10;
    }
    printf("%d ",sum);
}
return 0;

}
```