Candidate details

YOP\*

2024

12th/Diploma Percentage\*

72

Highest Degree\*

MCA

10th Percentage

52

Master Degree Percentage\*

70

Degree Percentage\*

81.85

Email id\*

bhandeyash.a01@gmail.com

Candidate name\*

Yash Bhande

Skill Set\*

Html,css,Java

Contact number\*

9923970806

Highest Degree Stream\*

Computer Science

**Aptitude**

Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B.\*

2:3

1:1

3:4

4:3

One-third of Rahul's savings in National Savings Certificate is equal to one-half of his savings in Public Provident Fund. If he has Rs. 1,50,000 as total savings, how much has he saved in Public Provident Fund ?\*

Rs. 30,000

Rs. 50,000

Rs. 60,000

Rs. 90,000

A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half (1/2). The number of pupils in the class is:\*

10

20

40

73

K is 40 m South-West of L. If M is 40 m South-East of L, then M is in which direction of K?\*

East

West

North-East

South

Two dice are thrown simultaneously. What is the probability of getting two numbers whose product is even?\*

1/2

3/4

3/8

5/16

Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 50 years, what is definitely the difference between R and Q's age?\*

1 year

2 years

25 years

Data inadequate

None of these

It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the cars is:\*

2 : 3

3 : 2

3 : 4

4 : 3

The man who has committed such a serious crime must get the mostly severe punishment.(get the mostly severe)\*

be getting the mostly severely

get the most severe

have got the most severely

have been getting the severe most

No correction required

The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.\*

47.55 kg

48 kg

48.55 kg

49.25 kg

Ayesha's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the ages of her parents?\*

2 years

4 years

6 years

8 years

How many natural numbers are there between 23 and 100 which are exactly divisible by 6 ?\*

8

11

12

13

None of these

  In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:\*

2700

2900

3000

3100

To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of the bucket is reduced to two-fifth of its present ?\*

10

35

62.5

Cannot be determined

none of these

A man covered a certain distance at some speed. Had he moved 3 kmph faster, he would have taken 40 minutes less. If he had moved 2 kmph slower, he would have taken 40 minutes more. The distance (in km) is:\*

35

36 2/3

37 1/2

40

I saw a ...... of cows in the field.\*

group

herd

swarm

flock

1, 4, 9, 16, 20, 36, 49\*

1

9

20

49

8597 - ? = 7429 - 4358\*

5426

5706

5526

5476

None of these

Arrange the words given below in a meaningful sequence.   1. Caste 2. Family 3. Newly married Couple4. Clan 5. Species\*

2, 3, 1, 4, 5

3, 4, 5, 1, 2

3, 2, 1, 4, 5

4, 5, 3, 2, 1

In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is the probability of getting a prize?\*

1/10

2/5

2/7

5/7

The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is:\*

20

30

40

None of these

Find the correctly spelt words.\*

Skillful

Skillfull

Skilfull

Skilpull

  Pointing to a photograph. Bajpai said, "He is the son of the only daughter of the father of my brother." How Bajpai is related to the man in the photograph?\*

Nephew

Brother

Father

Maternal Uncle

  3, 5, 7, 12, 17, 19\*

19

17

5

12

**Pseudocode**

 What will be the output of the following pseudocode?  
  
Integer i  
Set i = 3  
do  
print i + 3  
i = i - 1  
while(i not equals 0)  
end while  
\*

A) 6 6 6

B) 6 5 6

C) 5 5 5

D) 6 5 4

What would be the output of the following pseudocode?  
  
  
Integer a  
  
String str1  
  
Set str1 = “goose”  
  
a = stringLength(str1)  
  
Print (a ^ 1)  
\*

A) 0

B) 4

C) 5

D) 3

What will be the output of the following pseudocode?

Integer a, b, c, d  
  
           Set b = 18, c = 12  
  
           a = b – c  
  
           for (each c from 1 to a – 1)  
  
                       b = b + c + 12  
  
                       b = b/5  
  
                       d = b + a  
  
           end for  
  
           c = a + b + c  
  
           Print a b c

\*

5 3 9

6 14 17

6 4 14

6 4 16

Feedback

*The loop runs for 5 times ; after the 5th iteration the value of a=6; b=4; c=10.  
  
So the final answers are 6, 4, 16*

What will be the output of the following pseudocode?

Integer a, b  
  
Set a = 15, b = 7  
  
a = a mod (a - 3)  
  
b = b mod (b – 3)  
  
a = a mod 1  
  
b = b mod 1  
  
Print a + b

[Note-mod finds the remainder after the division of one number by another. For example, the expression “5 mod 2” leaves a quotient of 2 and a remainder of 1]

\*

15

7

2

0

Which of the following is NOT a type of linked list?  
\*

Double ended linked list

Double linked list

Simple linked list

Circular linked list

What would be the output of the following pseudocode?  
  
  
Integer i, j, k  
  
Set k = 8  
  
for(each i from 1 to 1)  
  
        for(each j from the value of 1 to 1)  
  
            print k+1  
  
        end for  
  
end for  
\*

A. 2

B. 9

C. 7

D. 8

 What would be the output of the following pseudocode?  
  
  
Integer a, b, c  
  
Set a = 8, b = 51, c = 2  
  
c = (a ^ c)^ (a)  
  
b = b mod 4  
  
Print a + b + c  
\*

A. 13

B. 17

C. 26

D. 16

Consider an array A = {1, 2, 4, 5, 6, 11, 12} and a key which is equal to 10. How many comparisons would be done to find the key element in the array using the binary search?  
  
  
\*

A. 5

B. 1

C. 2

D. 3

What will be the output of the following pseudocode?  
  
           Integer x, y, z, a  
  
           Set x = 2, y = 1, z = 5  
  
           a = (x AND y) OR (z + 1)  
  
           Print a  
\*

5

3

2

1

Feedback

*AND gate works when both the conditions are true so the first (x and y) condition will be taken as true as the both the inputs are true. OR gate works when any of the conditions are true, where it has already got one of its input as true so without checking the other input it will directly assign the value as 1.*

What will be the output of the following pseudocode?  
  
           Integer a=5, b=4, c=3  
  
           a = b + c  
  
           c = a – b  
  
           c = c + a  
  
           c = b + c  
  
           b = b + c  
  
           Print a, b, c  
\*

7 14 7

7 14 10

7 8 14

7 18 14

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