TCS NQT Practice Tests

Tests

No definition found.

8 PM

State   Finished

Completed on   Monday, 13 April 2020, 3:38 PM

Time taken   1 hour 30 mins

Marks   24.18/46.00

Grade   **23.65** out of 45.00 (**53%**)

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SECTIONS

1

Partially correct

Mark 0.18 out of 1.00

Tests

No definition found.

Converting Roman Numerals to Decimal lying between 1 to 3999

are based on below symbols.

	VALUE
	1
V	5
X	10
L	50
C	100
D	500
M	1000

Input: XL

Output: 40

Input: MCMIV
Output: 1904
M is a thousand, CM is nine hundred
and IV is four

For example:

Test	Input	Result
1	MCMIV	1904
2	XL	40

Answer: (penalty regime: 10, 20, ... %)

Language   python3 ▼

```python
def dec(s):
    r = {'I':1,'V':5,'X':10,'L':50,'C':100,'D':500,'M':1000}
    l = [r[i] for i in s]
    if len(s)%2==0:
        n = []
        for i in range(len(l)-1):
            if l[i]<l[i+1]:
                n.append(l[i+1]-l[i])
        return sum(n)
    else:
        n = [l[0]]
        for i in range(1,len(l)-1):
            if l[i]<l[i+1]:
                n.append(l[i+1]-l[i])
        return sum(n)
s = input()
print(dec(s))
```

	Test	Input	Expected	Got	
✔	1	MCMIV	1904	1904	✔
✔	2	XL	40	40	✔
✖	3	XVIV	19	4	✖

Show differences

Partially correct
Marks for this submission: 0.20/1.00. Accounting for previous tries, this gives **0.18/1.00**.

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SECTIONS

1

Correct

Mark 1.00 out of 1.00

the date of the program creation, the author and other information with the program. What component should she use?

Tests

No definition found.

✔

○ b. Pre Processor

○ c. Header Files

○ d. Iteration

Your answer is correct.

The correct answer is: Comments

Question **3**

Correct

Mark 1.00 out of 1.00

A data type is stored as a 6 bit signed integer. Which of the following cannot be represented by this data type?

Select one:

◉ a. 32　　✔

○ b. -12

○ c. 18

○ d. 6

Your answer is correct.

The correct answer is: 32

Question **4**

Correct

Mark 1.00 out of 1.00

A 10-bit unsigned integer has the following range:

Select one:

○ a. 0-1025

○ b. 0-1024

◉ c. 0-1023　　✔

○ d. 0 - 1000

Your answer is correct.

The correct answer is: 0-1023

Correct

Mark 1.00 out of 1.00

Tests

No definition found.

statement to process a and b and put the result in c.

c = a + 2*b.

se her program gives the right output with some input values of a and b,

n erroneous answer for others. For which of the following inputs will it give

ver?

Select one:

○ a. a=50 b=100

◉ b. a=10 b=200 ✔

○ c. a=100 b=50

○ d. a=200 b=10

Your answer is correct.

The correct answer is: a=10 b=200

Question **6**

Correct

Mark 1.00 out of 1.00

Which of the following options is an exception to being a part of composite data types?

Select one:

○ a. Union

◉ b. Stack ✔

○ c. Arrays

○ d. Structure

Your answer is correct.

The correct answer is: Stack

Question **7**

Correct

Mark 1.00 out of 1.00

Which of the following is true for variable names in C?

Select one:

○ a. Reserved Word can be used as variable name

○ b. Variable can be of any length

◉ c. Variable names cannot start with a digit ✔

○ d. They can contain alphanumeric characters as well as special characters

Your answer is correct.

The correct answer is: Variable names cannot start with a digit

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SECTIONS

1

Correct

Mark 1.00 out of 1.00

Tests

No definition found.

```
#include<stdio.h>
void main()
{
                );

                100.0;

    printf("%d", num1);

}
```

Select one:

- ( ) a. Compilations Error ✔
- ( ) b. 10.000
- ( ) c. 10.0
- ( ) d. 10

Your answer is correct.

The correct answer is: Compilations Error

Question **9**

Incorrect

Mark 0.00 out of 1.00

Which of the following is not a logical operator?

Select one:

- ( ) a. &&
- ( ) b. ! ✖
- ( ) c. |
- ( ) d. &&

Your answer is incorrect.

The correct answer is: |

Question **10**

Correct

Mark 1.00 out of 1.00

The precedence of arithmetic operators is (from highest to lowest)?

Select one:

- ( ) a. +, -, %, *, /
- ( ) b. %, +, /, *, -
- ( ) c. %, +, -, *, /
- ( ) d. %, *, /, +, - ✔

Your answer is correct.

The correct answer is: %, *, /, +, -

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

c. int

d. chat   ✖

Your answer is incorrect.

The correct answer is: float

Question **12**

Correct

Mark 1.00 out of 1.00

What is the output of this program?

```
int main()

{

char ch;

ch = 128;

printf("%d\n", ch);

return 0;

}
```

Select one:

○ a. None of these

○ b. 128

◉ c. -128   ✔

○ d. ERROR

Your answer is correct.

The correct answer is: -128

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Correct

Mark 1.00 out of 1.00

Tests

No definition found.

```
int main()

        a';

printf( %r , x);

return 0;

}
```

Select one:

○ a. a

○ b. Run time error

◉ c. 97.000000 ✔

○ d. a.000000

Your answer is correct.

The correct answer is: 97.000000

Question **14**

Incorrect

Mark 0.00 out of 1.00

What is the output of this program?

```
void main()

{

    int i=0, j=1, k=2, m;

    m = i++ || j++ || k++;

    printf("%d %d %d %d", m, i, j, k);

}
```

Select one:

○ a. 1 1 2 2

○ b. 0 1 2 2

○ c. 0 1 2 3

◉ d. 1 1 2 3 ✘

Your answer is incorrect.

The correct answer is: 1 1 2 2

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

```
int c = - -14;

    printf("%d", c);

}
```

Select one:

○ a. 13

◉ b. Error ✖

○ c. -14

○ d. 14

Your answer is incorrect.

The correct answer is: 14

Question **16**

Correct

Mark 1.00 out of 1.00

What is the output of this program?

```
void main()

{

    int i=5;

    i = !i>10;

    printf("%d", i);

}
```

Select one:

○ a. 10

○ b. 1

○ c. 5

◉ d. 0 ✔

Your answer is correct.

The correct answer is: 0

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1

Correct

Mark 1.00 out of 1.00

Tests

No definition found.

cover the same distance downstream. Find the distance.

b. 72 km

○ c. 96 km ✔

d. 108 km

The correct answer is: 96 km

Question 18

Correct

Mark 1.00 out of 1.00

A certain distance is covered at a certain speed. If half of this distance is covered in 4 times of the time, then find the ratio of the two speeds.

Select one:

a. 6 : 1

b. 1 : 8

c. 1 : 6

○ d. 8 : 1 ✔

The correct answer is: 8 : 1

Question 19

Correct

Mark 1.00 out of 1.00

A thief is spotted by a policeman from a distance of 200 meters. When the policeman starts chasing, the thief also starts running. If the speed of the thief is 16 km/hr and that of the police is 20 km/hr. How far the thief will have to run before he is overtaken?

Select one:

a. 900 meters

b. 600 meters

c. 700 meters

○ d. 800 meters ✔

The correct answer is: 800 meters

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

✖

○ c. 9:00 A.M.

○ d. 8:56 A.M.

The correct answer is: 8:56 A.M.

Question **21**

Correct

Mark 1.00 out of 1.00

A train of length 250 m passes a platform of 350 m length in 50 seconds. What time will this train take to pass the platform of 230 m length?

Select one:

○ a. 45 seconds

○ b. 36 seconds

◉ c. 40 seconds ✔

○ d. 30 seconds

The correct answer is: 40 seconds

Question **22**

Correct

Mark 1.00 out of 1.00

A train travels at a speed of 50 km/hr without stoppages and it travels at 40 km/hr with stoppages. How many minutes does the train stops for every one hour?

Select one:

○ a. 10 minutes

○ b. 20 minutes

◉ c. 12 minutes ✔

○ d. 15 minutes

The correct answer is: 12 minutes

✖

SECTIONS

1

Correct

Mark 1.00 out of 1.00

the truck to cover a distance which is 16 km more than that travelled by the truck?

Tests

No definition found.

b. 6 hours ✔

c. 8 hours

d. 5 hours

The correct answer is: 6 hours

Question **24**

Correct

Mark 1.00 out of 1.00

Anil can row 60 km downstream and 36 km upstream, taking 10 hours each time. Find the rate of current.

Select one:

a. 1.2 km/hr ✔

b. 1.4 km/hr

c. 2.2 km/hr

d. 2.4 km/hr

The correct answer is: 1.2 km/hr

Question **25**

Correct

Mark 1.00 out of 1.00

From stations A and B two trains start moving towards each other with the speeds of 150 km/hr and 130 km/hr respectively. When the two trains meet each other, it is found that one train covers 20 km more than that of other train. What is the ditance between two stations A and B?

Select one:

a. 400 km

b. 280 km ✔

c. 360 km

d. 320 km

The correct answer is: 280 km

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Incorrect

Mark 0.00 out of 1.00

Ramesh at point C. Find the diatnace from the points A and C.

Tests

No definition found.

✖

b. 30 km

c. 24 km

d. 36 km

The correct answer is: 36 km

Question 27

Incorrect

Mark 0.00 out of 1.00

Swati covers a distance from her house to college by bike. Having an average speed of 30 km/hr, then she is late by 20 minutes. However with a speed of 40 km/hr, she reaches her college 10 minutes earlier. Find the distance between her house and college.

Select one:

a. 60 km

b. 50 km

c. 45 km ✖

d. 80 km

The correct answer is: 60 km

Question 28

Incorrect

Mark 0.00 out of 1.00

The ratio of the speeds of a train and a car is 16 : 15 respectively and a bus covered a distance of 480 km in 8 hours. The speed of the bus is 3/4 of the speed of the train. What is the distance covered by the car in 6 hours?

Select one:

a. 450 km

b. 600 km

c. 300 km ✖

d. 500 km

The correct answer is: 450 km

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

first hour and increase the speed by 1/2 km each succeeding hour. After how many hours will the second person overtakes the first person, if both go non-stop?

Tests

No definition found.

○ b. 7 hours

○ c. 8 hours

◉ d. 6 hours ✖

The correct answer is: 9 hours

Question **30**

Correct

Mark 1.00 out of 1.00

Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 36 seconds. Find the length of each train.

Select one:

○ a. 60 meters

○ b. 45 meters

○ c. 40 meters

◉ d. 50 meters ✔

The correct answer is: 50 meters

Question **31**

Incorrect

Mark 0.00 out of 1.00

Two trains start at the same time from the stations A and B towards each other and after crossing each other, they take 25 hours and 16 hours in reaching points B and A respectively. Find the ratio of the speeds of first train to that of second train.

Select one:

○ a. 3 : 5

○ b. 4 : 5

○ c. 5 : 3

◉ d. 5 : 4 ✖

The correct answer is: 4 : 5

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

Select one:

c. evince

d. debut ✖

e. usurp

The correct answer is: forfeit

Question **33**

Incorrect

Mark 0.00 out of 1.00

Acting in the high school play served to Ander's appetite for professional acting.

Select one:

a. whet

b. incriminate

c. purport

d. corral

e. satiate ✖

The correct answer is: whet

Question **34**

Incorrect

Mark 0.00 out of 1.00

After fighting the five-alarm fire, the firefighter could not relax enough to unwind and get some rest.

Select one:

a. treacherous

b. amicable

c. durable

d. overwrought

e. pliable ✖

The correct answer is: overwrought

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Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

Select one:

○ c. pretentious

○ d. colloquial

◉ e. pedestrian ✖

The correct answer is: frenetic

Question **36**

Correct

Mark 1.00 out of 1.00

Although she was on a diet, Hannah intended to in the feast of Thanksgiving.

Select one:

○ a. nullify

○ b. dilate

◉ c. partake ✔

○ d. enervate

○ e. expunge

The correct answer is: partake

Question **37**

Incorrect

Mark 0.00 out of 1.00

For years Henry bore the of being the only man in five generations of his family not to make the varsity baseball team.

Select one:

○ a. stigma

○ b. punctiliousness

◉ c. scintillation ✖

○ d. brunt

○ e. treatise

The correct answer is: stigma

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Select one:

Tests

No definition found.

○ d. eloquent

◉ e. oblique   ✖

The correct answer is: acerbic

Question **39**

Incorrect

Mark 0.00 out of 1.00

Living on several acres of land dotted with oak and maple trees makes autumn leaf-raking a task.

Select one:

○ a. fawning

○ b. tardy

○ c. fatuous

◉ d. obsequious   ✖

○ e. toilsome

The correct answer is: toilsome

Question **40**

Correct

Mark 1.00 out of 1.00

Tabitha found an overpriced dining table at the antique shop and tried to with the shopkeeper, but he refused to lower the price.

Select one:

○ a. stipulate

○ b. confer

○ c. annunciate

○ d. ruminate

◉ e. haggle   ✔

The correct answer is: haggle

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Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

Select one:

✖

...ted

○ d. augmented

○ e. mandated

The correct answer is: lauded

Question **42**

Incorrect

Mark 0.00 out of 1.00

The food at the buffet table was a array of delights that even the most disciplined dieter would find difficult to resist.

Select one:

○ a. tempestuous

○ b. temporal

○ c. tantamount

○ d. tantalizing

◉ e. truculent ✖

The correct answer is: tantalizing

Question **43**

Correct

Mark 1.00 out of 1.00

The hospital had an outbreak of chicken pox and was forced to all patients and staff to prevent more infected victims.

Select one:

○ a. aggregate

◉ b. quarantine ✔

○ c. clandestine

○ d. saturate

○ e. germinate

The correct answer is: quarantine

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SECTIONS

1

Incorrect

Mark 0.00 out of 1.00

Tests

No definition found.

✗

ating

○ c. reclaiming

○ d. reforming

○ e. marauding

The correct answer is: marauding

Question **45**

Incorrect

Mark 0.00 out of 1.00

Tony was tired of roommate's petty about his personal life, so he moved out.

Select one:

○ a. iniquities

◉ b. appeasements   ✗

○ c. quotas

○ d. quips

○ e. rallies

The correct answer is: quips

Question **46**

Correct

Mark 1.00 out of 1.00

When Melinda arrived in the impoverished city, she was immediately by bands of children begging for food.

Select one:

○ a. rebuked

○ b. infiltrated

○ c. exacerbated

○ d. bedraggled

◉ e. accosted   ✓

The correct answer is: accosted

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