

SECTIONS

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# TCS NQT Practice Tests

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Started on	Saturday, 18 April 2020, 5:39 PM
State	Finished
Completed on	Saturday, 18 April 2020, 6:27 PM
Time taken	48 mins 11 secs
Marks	20.00/42.00
Grade	19.52 out of 42.00

PM Time taken 48 mins 11 secs  
Marks 20.00/42.00

No definition found.

Correct

Mark 1.00 out of 1.00

- SECTIONS
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1: space    2: ABC    3: DEF    4: GHI    5: JKL    6: MNO    7: PQRS    8: TUV    9: WXYZ

Using the keypad, you can 'spell' words by entering the digits that correspond to each letter of the word. For example, 'CAT' is spelled as 222 2 8 i.e., Frequency of each digit represents the character in the possible combination. In the above example, 2 pressed for 3 times that means we are entering C and the space followed by it specifies the other character in the string or else 22 can be interpreted in two ways AA or B. Space delimiter is used to represent the next character in the input string.

Sample Test Case: Input:

22 2 8

Output:

BAT

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Marks 20.00/42.00

No definition found.

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

Language python3 ▼

```
1 def telkeypad(s):
2     d = { 1:' ', 2:'ABC', 3:'DEF',4:'GHI', 5:'JKL', 6:'MNO', 7:'PQRS', 8:'TUV', 9:'WXYZ' }
3     chars = s.split()
4     res = ''
5     for i in chars:
6         k = int(i[0])
7         res += d[k][i.count(str(k))-1]
8     return res
9
10 s = input()
11 print(telkeypad(s))
```

	Test	Input	Expected	Got	
✓	1	22 2 8	BAT	BAT	✓
✓	2	333 2 66	FAN	FAN	✓
✓	2	9 8 7 6	WTPM	WTPM	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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Correct

Mark 1.00 out of 1.00

Select one:

- ☐ a. Not Possible
- ☐ b. By Implementing Union
- ☐ c. Using Structures
- ☒ d. Both b and c

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Marks 20.00/42.00

No definition found.

Question 3

Incorrect

Mark 0.00 out of 1.00

When a lady wears and removes her bangles what type of data structure she is using.

Select one:

- ☐ a. Hashing
- ☒ b. Queue
- ☐ c. Tree
- ☐ d. Stack

Your answer is incorrect.  
The correct answer is: Stack

Question 4

Correct

Mark 1.00 out of 1.00

Call center bassically solve the customer queries. So when the two customer call in call center so that one of them have to stay in hold. So what type of data structure is used here

Select one:

- ☐ a. Hashing
- ☐ b. Tree
- ☐ c. Stack
- ☒ d. Queue

Your answer is correct.  
The correct answer is: Queue



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Correct  
Mark 1.00 out of 1.00

Select one:

☐ a. Evaluate()

☒ b. push

☐ c. pop

☐

PM Time taken 48 mins 11 secs  
Marks 20.00/42.00

No definition found.

Question **6**  
Correct  
Mark 1.00 out of 1.00

If user is trying to pop element from the empty stack, the condition is called as

Select one:

☒ a. Under Flow condition

☐ b. Over flow Condition

☐ c. Garbage collection

☐ d. Empty collection

Your answer is correct.

The correct answer is: Under Flow condition

Question **7**  
Correct  
Mark 1.00 out of 1.00

If a stack size is 5 and the user is trying push more elements then the condition is

Select one:

☐ a. Crash

☐ b. Under flow

☐ c. userflow

☒ d. Overflow

Your answer is correct.

The correct answer is: Overflow

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Correct

Mark 1.00 out of 1.00

- Select one:
- ☐ a. userflow
  - ☐ b. Under flow
  - ☒ c. Overflow ✓
  - ☐ d. Crash

PM Time taken 48 mins 11 secs  
Marks 20.00/42.00

No definition found.

Question **9**

Correct

Mark 1.00 out of 1.00

User perform following type of operation on stack of Size 5:-

```
push(10)
pop()
push(5)
push(6)
push(8)
pop()
push(9)
pop()
pop()
push(8)
```

So how many element is left in stack

- Select one:
- ☐ a. 5
  - ☐ b. 1
  - ☐ c. 3
  - ☒ d. 2 ✓

Your answer is correct.

The correct answer is: 2



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Correct  
Mark 1.00 out of 1.00

push(7)  
pop()  
push(9)  
pop()  
pop()  
push(9)  
pop()  
push(1)  

PM Time taken 48 mins 11 secs  
Marks 20.00/42.00  
No definition found.

  
pop()  
push(6)

So which of the following statement is true for the stack

Select one:

☐ a. Overflow occurs

☐ b. Process goes smoothly

☐ c. None of them

☒ d. Underflow occurs

Your answer is correct.  
The correct answer is: Underflow occurs

Question **11**  
Incorrect  
Mark 0.00 out of 1.00

Postfix of following expression

2\*3+9-6

Select one:

☐ a. None of these

☒ b. 23\*9+6-

☐ c. 923\*+6-

☐ d. 923+-6+

Your answer is incorrect.  
The correct answer is: None of these

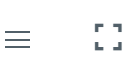
210.212.210.85/mod/quiz/review.php?attempt=64783&cmid=5112

6/18

SECTIONS

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Incorrect

Mark 0.00 out of 1.00

Select one:

☒ a. DCBA

☐ b. ACBD

☐ c. ABDC

☐

PM Time taken 48 mins 11 secs

Marks 20.00/42.00

No definition found.

Question **13**

Correct

Mark 1.00 out of 1.00

A and B can do a piece of work in 30 days , while B and C can do the same work in 24 days and C and A in 20 days . They all work together for 10 days when B and C leave. How many days more will A take to finish the work?

Select one:

☒ a. 18

☐ b. 36

☐ c. 30

☐ d. 24

The correct answer is: 18

Question **14**

Correct

Mark 1.00 out of 1.00

A and B can do a work in 12 days, B and C can do the same work in 15 days and A and C can complete the work in 20 days. In how many days A, B and C working together can complete the whole work?

Select one:

☐ a. 12 days

☐ b. 8 days

☐ c. 14 days

☒ d. 10 days

The correct answer is: 10 days

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SECTIONS

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Incorrect

Mark 0.00 out of 1.00

Select one:

☐ a. 60 hours

☒ b. 50.5 hours ✖

☐ c. 54.4 hours

☐ d. 63 hours

PM Time taken 48 mins 11 secs

Marks 20.00/42.00

No definition found.

Question **16**

Incorrect

Mark 0.00 out of 1.00

Arun can do a certain work in the same time in which Bipin and Rahul together can do it. If Arun and Bipin together could do it in 10 days and Rahul alone in 50 days, then Bipin alone could do it in:

Select one:

☐ a. 25 days

☒ b. 15 days ✖

☐ c. 30 days

☐ d. 20 days

The correct answer is: 25 days

Question **17**

Incorrect

Mark 0.00 out of 1.00

Dinesh does 80 percent of a work in 20 days. He then calls in Gokul and they together finish the remaining work in 3 days. How long Gokul alone would take to do the whole work?

Select one:

☐ a. 40 days

☒ b. 39 days ✖

☐ c. 37 days

Question **18**

Incorrect

Mark 0.00 out of 1.00

Gopal does a work in 90 days, Vikash in 40 days and Santhosh in 12 days. They work one after another for a day each, starting with Gopal followed by Vikash and then by Santhosh. If the total wages received are Rs 360 and Gopal, Vikash, Santhosh share them in the ratio of the work done, find their respective individual wages.

Select one:

☐ a. Rs 44, Rs 80 and Rs 264

☐ b. Rs 40, Rs 87 and Rs 276

☒ c. Rs 42, Rs 86 and Rs 232 ✖

☐ d. Rs 36, Rs 81 and Rs 243

The correct answer is: Rs 36, Rs 81 and Rs 243



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Mark 1.00 out of 1.00

complete the work?

Select one:

☐ a. 8 days

☐ b. 12 days

☐ c. 10 days

☒ PM Time taken 48 mins 11 secs  
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No definition found.

Question **20**

Incorrect

Mark 0.00 out of 1.00

Ram starts working on a job and works on it for 12 days and completes 40 percentage of the work. To help him complete the work, he employs Ravi and together they work for another 12 days and the work gets completed. How much more efficient is Ram than Ravi?

Select one:

☐ a. 100%

☐ b. 60%

☒ c. 200%

☐ d. 50%

The correct answer is: 100%

Question **21**

Incorrect

Mark 0.00 out of 1.00

Sekar, Pradeep and Sandeep can do a piece of work in 15 days. After all the three worked for 2 days, sekar left. Pradeep and Sandeep worked for 10 more days and Pradeep left. Sandeep worked for another 40 days and completed the work. In how many days can sekar alone complete the work if sandeep can complete it in 75 days?

Select one:

☒ a. 25 days

☐ b. 20 days

☐ c. 30 days

☐ d. 35 days

The correct answer is: 30 days

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Incorrect

Mark 0.00 out of 1.00

cistern to be filled. In how much time will the cistern be filled?

Select one:

☐ a. 5 hours 30 min

☐ b. 6 hours 40 min

☒ c. 6 hours 12 min

☐ d. 7 hours 10 min

PM Time taken 48 mins 11 secs

Marks 20.00/42.00

No definition found.

Question **23**

Incorrect

Mark 0.00 out of 1.00

Tap A fills a tank in 40 minutes while tap C empties it at 1/3rd the rate at which A fills it. At 12 : 00 noon, A and C are simultaneously started and when the tank is 50% full, tap A is turned off. At what time will the tank be empty?

Select one:

☐ a. 1 : 30 pm

☒ b. 12 : 30 pm

☐ c. 1 : 45 pm

☐ d. 12 : 45 pm

The correct answer is: 1 : 30 pm

Question **24**

Correct

Mark 1.00 out of 1.00

The ratio of efficiency of A is to C is 5:3. The ratio of number of days taken by B is to C is 2:3. A takes 6 days less than C, when A and C completes the work individually. B and C started the work and left after 2 days. The number of days taken by A to finish the remaining work is:

Select one:

☐ a. 5

☐ b. 9

☒ c. 6

☐ d. 4

The correct answer is: 6

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Incorrect

Mark 0.00 out of 1.00

started the work and B & C left after 2 days. The number of days taken by A to complete the remaining work is:

Select one:

☐ a. 1 day

☒ b. 2 days

☐

☐

PM Time taken 48 mins 11 secs

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No definition found.

Question **26**

Correct

Mark 1.00 out of 1.00

Three pipes A, B and C can fill a cistern in 10 hours, 12 hours and 15 hours respectively. First A was opened. After 2 hour, B was opened and after 4 hours from the start of A, C was also opened. Find the time in which the cistern is just full.

Select one:

☒ a. 5 hours 44 min.

☐ b. 2 hours

☐ c. 2 hours 52 min

☐ d. 4 hours

The correct answer is: 5 hours 44 min.

Question **27**

Incorrect

Mark 0.00 out of 1.00

Two pipes A and B can fill a cistern in 15 hours and 10 hours respectively. A tap C can empty the full cistern in 30 hours. All the three taps were open for 3 hours, when it was remembered that the emptying tap had been left open. It was then closed. How many hours more would it take for the cistern to be filled?

Select one:

☐ a. 4 hr 35 min.

☒ b. 3 hr 1.2 min.

☐ c. 3 hr 30 min.

☐ d. 3 hr 36 min.

The correct answer is: 3 hr 36 min.

⬅

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Incorrect

Mark 0.00 out of 1.00

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No definition found.

1). That people who are already depressed think in these ways has long been known.

2). What has only recently emerged, though, is that children's beliefs about their own ability to control what happens in their lives.

3). One line of evidence comes from studies of children's belief about their own ability to control what happens in their lives- for example, being able to change things for the better.

4). This insight suggests a window of opportunity for inoculating them against depression before it strikes.

5). They view themselves in such term as : 'when I have been helped by my parents' and 'When I help other kids at helping to solve problems' and 'When I have helped others'.

Select one:

☐ a. 1342

☒ b. 3421

☐ c. 1243

☐ d. 2431

The correct answer is: 1243

Question 29

Correct

Mark 1.00 out of 1.00

(PARA JUMBLES)

1). A difference in the frequency of usage of counter proposing between skilled and average negotiators suggests that counter proposing may not be, as effective one tends to think it would be. 2). I may have suggested that my son buy a pair of trousers at a certain price whereas my son would have made a counterproposal that he would rather buy two pairs at half price each.

3). Research conducted across several negotiators ranging from sales negotiators to purchase and labour negotiators shows that average negotiators tend to counter propose more often than skilled negotiators.

4). This happens in everyday life too.

5). Think back to the last time you were discussing completing an assignment with one of your colleagues : you may have suggested that you both come in on Saturday to finish the work and your colleague may have counter proposed that you could stay back on Friday evening and finish it instead.

Select one:

☒ a. 34521

☐ b. 31452

☐ c. 52134

☐ d. 12534

The correct answer is: 34521

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Correct

Mark 1.00 out of 1.00

2). So in the agrarian era, if you need to destroy the enemy's productive capacity, what you want to do is bum his fields, or if you're really vicious, salt them.

3). Now in the information era, destroying the enemy's productive capacity means destroying the information infrastructure.

4). How do you do battle with your enemy?

5). The idea is to destroy the enemy's productive capacity, and depending upon the economic foundation, that productive capacity is different in each case.

6). With regard to deference, the purpose of the military is to defend the nation and be

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Se

No definition found.

☐ b. 631254

☐ c. 452136

☐ d. 465213

The correct answer is: 645213

Question **31**

Incorrect

Mark 0.00 out of 1.00

(PARA JUMBLES)

1). Despite posting healthy profits, Volkswagen shares trade at a discount to peers due to bad reputation among investors.

2). A disastrous capital hike, an expensive foray into truck business and uncertainty about the reason for a share buyback have in recent years left investors bewildered.

3). The main problem with Volkswagen is the past.

4). Many investors have been disappointed and frightened away.

5). Volkswagen shares trade at about nine times the 2002 estimated earnings, compared to BMW's 19 and are the second cheapest in the sector.

Select one:

☒ a. 52134

☐ b. 13425

☐ c. 32451

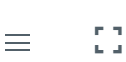
☐ d. 13524

The correct answer is: 13425

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Correct

Mark 1.00 out of 1.00

Electronic commerce is one of the most important aspects of Internet to emerge.

2). Cash transactions offer both privacy and anonymity as it does not contain information that can be used to identify the parties nor the transaction history.

3). To support e-commerce, we need effective payment systems and secure communication channels and data integrity.

4). The whole structure of traditional money is built on faith and so will electronic money have to be. 5). Moreover, money is worth what it is because we have come to accept it.

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No definition found.

- ☐ c. 45123
- ☐ d. 43521

The correct answer is: 25413

Question **33**

Incorrect

Mark 0.00 out of 1.00

(PARA JUMBLES)

1). Food manufactures spend more on advertising than any other manufacturing group and the nation's grocery stores rank first among all retailers.

2). Food product lead in expenditures for network and spot television advertisements, discount coupons, trading stamps, contests, and other forms of premium advertising.

3). Foods are overwhelming the most advertised group of all consumer products in the U.S.

4). In other media- newspapers, magazines, newspaper supplements, billboard and radio, food advertising expenditures rank near the top.

- Select one:
- ☐ a. 3241
- ☒ b. 3142
- ☐ c. 4132
- ☐ d. 3421

The correct answer is: 3241

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Incorrect

Mark 0.00 out of 1.00

2). He attracted as as repelled.

3). He was responsible for the debacle.

4). A man of paradoxes, Menon remained an enigma.

Select one:

☒ a. 1342

☐ b. 4312

☐ c. 2431

☐ d. 1423

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Marks 20.00/42.00

No definition found.

The correct answer is: 4213

Question **35**

Correct

Mark 1.00 out of 1.00

(PARA JUMBLES)

1). If you are used to having your stimulation come in from outside, your mind never develops its own habits of thinking and reflecting

2). Marx thought that religion was the opiate, because it soothed people's pain and suffering and prevented them from rising in rebellion

3). If Karl Marx was alive today, he would say that television is the opiate of the people.

4). Television and similar entertainments are even more of an opiate because of their addictive tendencies.

Select one:

☐ a. 2134

☒ b. 3241

☐ c. 2431

☐ d. 1423

The correct answer is: 3241

Question **36**

Incorrect

Mark 0.00 out of 1.00

(PARA JUMBLES)

1). Ignorance is the opposite of knowledge, i.e., want of knowledge.

2). To deal with uncertainty and ignorance economists have recognized the entrepreneur as possessing this non-rational form of knowledge.

3). Like some ancient priest-king, the entrepreneur 'knows' the future and leads his people.

4). Entrepreneurial knowledge is essentially intuitive.

5). It involves seeing and realizing a vision of future markets, products and/or other opportunities.

Select one:

☐ a. 32145

☐ b. 12453

☒ c. 43125

☐ d. 45123

The correct answer is: 45123

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Correct

Mark 1.00 out of 1.00

whether such rough equality could survive in the face of a growing factory system that threatened to create divisions between industrial workers and a new business elite.

2)."The government of democracy brings the nation of political rights to the level of the humblest citizens. He wrote , " Just as the dissemination of wealth brings the notion of property within the reach of all the members of the community".

3). Tocqueville was far too shrewd an observer to be uncritical about the US, but his verdict was fundamentally positive.

4). No visitor to the US left a more enduring record of his travels and observations than Alexis de Tocqueville, whose 'Democracy in America' remains one of the most trenchant and insightful political practises.

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No definition found.

- Select one:
- ☐ a. 4213
- ☒ b. 4321 

✓
- ☐ c. 4132
- ☐ d. 2134

The correct answer is: 4321

Question **38**

Incorrect

Mark 0.00 out of 1.00

(PARA JUMBLES)

1). Over the years, I have had the opportunities to observe and understand the thought processes behind the ads that have been flooding both the print and the TV media.

2). Although there is a huge shift in the quality of ads that we come across on a daily basis-- thanks essentially to improvement in technology--I somehow can't help but feel that the quality of communication of the message has become diluted.

3). Proportionally, the number of ads that lack in quality, have gone up exponentially as well!!

4). There is an increasing attempt by most companies to be seen as cool and funky.

5). Another reason could be the burgeoning number of companies, which means an exponential increase in the number of ads that are being made.

- Select one:
- ☐ a. 12453
- ☒ b. 21435 

✗
- ☐ c. 43125
- ☐ d. 43512

The correct answer is: 12453



🎓

☰

🖥

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SECTIONS

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📁

Correct  
Mark 1.00 out of 1.00

management.

2). Their meticulous reports giving ratings for corporate bonds are designed to give an accurate picture of the bonds riskiness and ultimately the probability of default.

3). Lately, the credit-rating agencies have struggled to keep up.

4). It seems a bond rating tells you even less about the price that investors are willing to pay.

5). In 1999 two-third of the debt rated triple B by standard and poor was priced within 20 basis points of the average bond with the same rating.

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No definition found.

c. 34215

d. 23415

The correct answer is: 12345

Question **40**  
Incorrect  
Mark 0.00 out of 1.00

(PARA JUMBLES)

1). The impetus for change in cargo handling, after years of operational inefficiency has come from new private sector facilitators.

2). Other ports, both major and minor, have spurred into action.

3). And the government agrees this is having a cascading effect on the functioning of other ports.

4). In terms of cargo handling efficiency, some of India's ports have lately undergone a sea change.

Select one:

a. 1324

b. 4132

c. 4213

✖

d. 4312

The correct answer is: 4132

SECTIONS

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Incorrect

Mark 0.00 out of 1.00

Building Association has all the trappings of a drama we are accustomed to.

2). In the case of sports persons, there is room for some sympathy, but the apathy of the administrators, which has even led to sanctions from international bodies, is unpardonable.

3). A case in the point is the hefty penalty of US \$10,000 slapped on the Indian Body-Building Federation for not fulfilling its commitment for holding the Asian Championships in Mumbai in October.

4). It is a matter of deep regret and concern that the sports administrators often cause more harm than sportsmen and sportswomen do through

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No definition found.

- ☒ a. 3124
- ☐ b. 4231
- ☐ c. 4123
- ☐ d. 3421

The correct answer is: 4231

Question 42

Incorrect

Mark 0.00 out of 1.00

(PARA JUMBLES)

1.1971 war changed the political geography of the subcontinent

2.Despite the significance of the event. There has been no serious book about the conflict

3.Surrender at Dacca aims to fill this gap

4.It also profoundly altered the geo-strategic situation in South-East Asia

- Select one:
- ☐ a. 1423
- ☐ b. 3142
- ☐ c. 1324
- ☒ d. 2143

The correct answer is: 1423

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