

SECTIONS

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TCS NQT Practice Tests

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Started on	Thursday, 16 April 2020, 5:13 PM
State	Finished
Completed on	Thursday, 16 April 2020, 6:38 PM
Time taken	1 hour 25 mins
Grade	38.00 out of 50.00 (76%)



Correct

Mark 7.00 out of 10.00

1

2

given sentence. Also they decided to make this game as application using computer.

Rules are as follows:

- It should be a film name and the film name should be a sentence.
- It should contain more than one word.
- The line should contain letters and space.
- There should be exactly one space between each pair of words.

Sample Input

No.of sentence :2

Alibaba and 40 thieves

Star Wars

Sample Output

Thieves 40 and Alibaba

Wars Star

For example:

Test	Input	Result
1	2 Alibaba and 40 thieves Star Wars	Thieves 40 and Alibaba Wars Star

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

Language

python3

1

2

3

4

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8

def RevSentence(s):

words = s.split()

words[-1] = words[-1].capitalize()

return ' '.join(words[::-1])

for i in range(int(input())):

s = input()

print(RevSentence(s))

	Test	Input	Expected	Got	
✓	1	2 Alibaba and 40 thieves Star Wars	Thieves 40 and Alibaba Wars Star	Thieves 40 and Alibaba Wars Star	✓

Passed all tests! ✓

Correct

Marks for this submission: 10.00/10.00. Accounting for previous tries, this gives 7.00/10.00.

SECTIONS

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Correct

Mark 1.00 out of 1.00

```
function modify(a,b)

{
    Integer c,d=2
    c= a*d+ b
    return c
}

function calculate()
{
    integer a = 5, b = 20, c
    integer d= 10
    c = modify(a, b);
    c = c+ d
    print c
}
```

Select one:

- ☐ a. 100
- ☐ b. 72
- ☒ c. 40
- ☐ d. 80
- ☐ e. 32

Your answer is correct.

The correct answer is: 40

Question **3**

Correct

Mark 1.00 out of 1.00

What is the term given to the variable whose scope is beyond all the scopes i.e., it can be accessed by all the scopes?

Select one:

- ☒ a. Global Variable
- ☐ b. Auto Variable
- ☐ c. Universal Variable
- ☐ d. External Variable

Your answer is correct.

The correct answer is: Global Variable

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Incorrect

Mark 0.00 out of 1.00

```
1
print "Hello !"
print MyStr
return 1 // statement 2
}
function main() //statement 3
{
string str= "Mickey"
MyDisplay(str) // statement 4
}
```

Which statement will generate an error.

- Select one:
- ☐ a. statement2
 - ☒ b. Statement1
 - ☐ c. statement3
 - ☐ d. statement4

Your answer is incorrect.

The correct answer is: statement2

Question **5**

Correct

Mark 1.00 out of 1.00

Choose the correct answer

Siva writes the code for a function that computes the factorial of the inputted number n.

```
function factorial(n)
{
if(n equals 1)
return 1
else
– MISSING STATEMENT –
end
}
```

Fill in the missing statement.

- Select one:
- ☐ a. return n*factorial(n)
 - ☐ b. return n*(n-1)
 - ☒ c. return n*factorial(n-1)
 - ☐ d. return factorial(n-1)

Your answer is correct.

The correct answer is: return n*factorial(n-1)

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Correct
Mark 1.00 out of 1.00

is Siva using?

Select one:

- ☐ a. Overriding
- ☐ b. Decision Making
- ☒ c. Recursion ✓
- ☐ d. Overloading

Your answer is correct.

The correct answer is: Recursion

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

Consider the following function

```
function calculate( n )  
{  
  if(n equals 5)  
    return 5  
  else  
    return (n + calculate(n-5))  
  end  
}
```

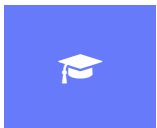
Siva calls the function by the statement, calculate(20). What value will the function return?

Select one:

- ☐ a. 5
- ☐ b. 30
- ☐ c. 20
- ☒ d. 50 ✓

Your answer is correct.

The correct answer is: 50



SECTIONS

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Incorrect

Mark 0.00 out of 1.00

```
function g(int n)
{
  if (n > 0) return 1;
  else return -1;
}

function f(int a, int b)
{
  if (a > b) return g(b-a);
  if (a < b) return g(a-b);
  return 0;
}
```

If f(a,b) is called, what is returned?

- Select one:
- ☐ a. -1 if a>b, 1 if a<b, 0 Otherwise
 - ☐ b. 0 if a is equal to b, -1 otherwise
 - ☒ c. Always -1
 - ☐ d. 1 if a>b, -1 if a<b, 0 Otherwise

Your answer is incorrect.

The correct answer is: 0 if a is equal to b, -1 otherwise

Question 9

Correct

Mark 1.00 out of 1.00

In C, if you pass an array as an argument to a function, what actually gets passed?

Select one:

- ☐ a. first element of an array
- ☐ b. Address of the last element of an array
- ☐ c. Value of elements in an array
- ☒ d. Base Address of an array

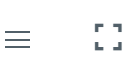
Your answer is correct.

The correct answer is: Base Address of an array

SECTIONS

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Correct

Mark 1.00 out of 1.00

```
#include<stdio.h>
int main()
{
int a[5] = {5, 1, 15, 20, 25};
int i, j, m;
i = ++a[1];
j = a[1]++;
m = a[i++];
printf("%d, %d, %d", i, j, m);
return 0;
}
```

Select one:

- ☐ a. 2,3,20
- ☐ b. 2,1,5
- ☒ c. 3,2,15
- ☐ d. 1,2,5

Your answer is correct.

The correct answer is: 3,2,15

Question **11**

Correct

Mark 1.00 out of 1.00

```
#include<stdio.h>
int main()
{
    int i=1;
    if(!i)
        printf("SimpleWay2Code,");
    else
    {
        i=0;
        printf("C-Program");
        main();
    }
    return 0;
}
```

Select one:

- ☐ a. prints simpleWay2code Infinite times
- ☒ b. Prints C-Program infinite times
- ☐ c. Error
- ☐ d. prints simpleWay2code C-program Infinite times

Your answer is correct.

The correct answer is: Prints C-Program infinite times



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Correct
Mark 1.00 out of 1.00

- Select one:
- ☒ a. 15 : 16 ✓
 - ☐ b. 16 : 15
 - ☐ c. 16 : 17
 - ☐ d. 17 : 16

The correct answer is: 15 : 16

Question **13**
Correct
Mark 1.00 out of 1.00

53% of a number is 358 less than the square of 26. What is the value of 3/4 of 23% of that number?

- Select one:
- ☒ a. 103.5 ✓
 - ☐ b. 101
 - ☐ c. 113
 - ☐ d. 109.5

The correct answer is: 103.5

Question **14**
Correct
Mark 1.00 out of 1.00

A number consists of two digits whose sum is 15. If 9 is added to the number, then the digits change their places. The number is?

- Select one:
- ☐ a. 96
 - ☐ b. 69
 - ☒ c. 78 ✓
 - ☐ d. 87

The correct answer is: 78

Question **15**
Correct
Mark 1.00 out of 1.00

A number is 25 more than its 2/5 th. The number is :

- Select one:
- ☐ a. 125/7
 - ☐ b. 80
 - ☐ c. 60
 - ☒ d. 125/3 ✓

The correct answer is: 125/3



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Correct
Mark 1.00 out of 1.00

- Select one:
- ☐ a. 4
 - ☐ b. 3
 - ☒ c. 0 ✓
 - ☐ d. 6

The correct answer is: 0

Question **17**

Correct
Mark 1.00 out of 1.00

Find the value of $1+2+3+\dots+210$.

Select one:

- ☐ a. 21255
- ☐ b. 22515
- ☐ c. 22255
- ☒ d. 22155 ✓

The correct answer is: 22155

Question **18**

Incorrect
Mark 0.00 out of 1.00

If $\frac{3}{7}$ th of $\frac{2}{5}$ th of $\frac{3}{4}$ th of a number is 18, what is the sum of the digits of the number?

Select one:

- ☐ a. 5
- ☐ b. 8
- ☒ c. 6 ✗
- ☐ d. 7

The correct answer is: 5

Question **19**

Correct
Mark 1.00 out of 1.00

If one-tenth of one-fourth of one-fifth of number is 10,find the number

Select one:

- ☐ a. 1000
- ☐ b. 200
- ☒ c. 2000 ✓
- ☐ d. 500

The correct answer is: 2000

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Correct

Mark 1.00 out of 1.00

Select one:

- ☒ a. 55053
- ☐ b. 50553
- ☐ c. 55035
- ☐ d. 55503

The correct answer is: 55053

Question 21

Correct

Mark 1.00 out of 1.00

The product of three consecutive natural numbers, the first of which is even number is always divisible by :

Select one:

- ☒ a. All
- ☐ b. 12
- ☐ c. 6
- ☐ d. 24

The correct answer is: All

Question 22

Incorrect

Mark 0.00 out of 1.00

The sum of five consecutive even numbers is equal to 300. What is the sum of the second largest number amongst them and the square of the number which is exactly in middle amongst them?

Select one:

- ☐ a. 3658
- ☐ b. 3660
- ☒ c. 3664
- ☐ d. 3662

The correct answer is: 3662



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Correct
Mark 1.00 out of 1.00

Select one:

☐ a. 859

☐ b. 958

☒ c. 598 ✓

☐ d. 589

The correct answer is: 598

Question **24**
Correct
Mark 1.00 out of 1.00

Two numbers are such that their difference, their sum and their product are in the ratio of 1 : 9 : 40. The product of the numbers is

Select one:

☒ a. 80 ✓

☐ b. 70

☐ c. 75

☐ d. 60

The correct answer is: 80

Question **25**
Incorrect
Mark 0.00 out of 1.00

What is the difference between the greatest and the smallest number formed by the 4 digits 0, 1, 2, 3.

Select one:

☐ a. 2187

☐ b. 3187

☐ c. 387

☒ d. 3087 ✗

The correct answer is: 2187

Question **26**
Correct
Mark 1.00 out of 1.00

Which least number should be subtracted from 427396 so that the remainder would be divisible by 15?

Select one:

☒ a. 1 ✓

☐ b. 16

☐ c. 4

☐ d. 6

The correct answer is: 1

SECTIONS

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Correct

Mark 1.00 out of 1.00

my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.' He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

1.Find the correct choice:

Select one:

- ☐ a. Living
- ☐ b. Liven
- ☐ c. Lives
- ☒ d. Lived

Your answer is correct.

The correct answer is: Lived

Question **28**

Correct

Mark 1.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2)_____ (become) the ruler of a small city. Damocles thought, 'How lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.' He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

10.Find the correct choice:

Select one:

- ☒ a. received
- ☐ b. receiving
- ☐ c. will receive
- ☐ d. receive

Your answer is correct.

The correct answer is: received



4/16/2020

Test4: Attempt review

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SECTIONS

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Correct
Mark 1.00 out of 1.00

my friend (3) _____ (be). He (4) _____ (be) now a ruler. He must (5) _____ (have) a great time. He (6) _____ have fine clothes, lots of money and a number of servants. I wish I (7) _____ (have) his luck.' He (8) _____ (decide) to visit his friend to enjoy his hospitality. When he (9) ____ (reach) the palace, the king himself (10) _____ (receive) him with respect and affection. Damocles then (11) _____ (tell) the king that he (12) _____ (be) indeed a lucky man. The king (13) _____ (smile). He (14) _____ (invite) his friend to (15) _____(had) dinner with him.

11.Find the correct choice:

Select one:

☒ a. told

☐ b. will tell

☐ c. will told

☐ d. tell

Your answer is correct.

The correct answer is: told

Question 30
Correct
Mark 1.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2) _____ (become) the ruler of a small city. Damocles thought, 'How lucky my friend (3) _____ (be). He (4) _____ (be) now a ruler. He must (5) _____ (have) a great time. He (6) _____ have fine clothes, lots of money and a number of servants. I wish I (7) _____ (have) his luck.' He (8) _____ (decide) to visit his friend to enjoy his hospitality. When he (9) ____ (reach) the palace, the king himself (10) _____ (receive) him with respect and affection. Damocles then (11) _____ (tell) the king that he (12) _____ (be) indeed a lucky man. The king (13) _____ (smile). He (14) _____ (invite) his friend to (15) _____(had) dinner with him.

12.Find the correct choice:

Select one:

☐ a. is

☒ b. was

☐ c. are

☐ d. were

Your answer is correct.

The correct answer is: was

SECTIONS

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Incorrect

Mark 0.00 out of 1.00

my friend (3) _____ (be). He (4) _____ (be) now a ruler. He must (5) _____ (have) a great time. He (6) _____ have fine clothes, lots of money and a number of servants. I wish I (7) _____ (have) his luck.' He (8) _____ (decide) to visit his friend to enjoy his hospitality. When he (9) ____ (reach) the palace, the king himself (10) _____ (receive) him with respect and affection. Damocles then (11) _____ (tell) the king that he (12) _____ (be) indeed a lucky man. The king (13) _____ (smile). He (14) _____ (invite) his friend to (15) _____(had) dinner with him.

13.Find the correct choice:

Select one:

☐ a. smiled

☒ b. laughed

☐ c. smiling

☐ d. smile

Your answer is incorrect.

The correct answer is: smiled

Question **32**

Correct

Mark 1.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2) _____ (become) the ruler of a small city. Damocles thought, 'How lucky my friend (3) _____ (be). He (4) _____ (be) now a ruler. He must (5) _____ (have) a great time. He (6) _____ have fine clothes, lots of money and a number of servants. I wish I (7) _____ (have) his luck.' He (8) _____ (decide) to visit his friend to enjoy his hospitality. When he (9) ____ (reach) the palace, the king himself (10) _____ (receive) him with respect and affection. Damocles then (11) _____ (tell) the king that he (12) _____ (be) indeed a lucky man. The king (13) _____ (smile). He (14) _____ (invite) his friend to (15) _____(had) dinner with him.

14.Find the correct choice:

Select one:

☐ a. invite

☐ b. invites

☐ c. inviting

☒ d. invited

Your answer is correct.

The correct answer is: invited

SECTIONS

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Correct
Mark 1.00 out of 1.00

eventually (2)_____ (become) the ruler of a small city. Damocles thought, how lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

15.Find the correct choice:

- Select one:
- ☐ a. asked
 - ☐ b. had had
 - ☐ c. has
 - ☒ d. have

Your answer is correct.
The correct answer is: have

Question **34**
Correct
Mark 1.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2)_____ (become) the ruler of a small city. Damocles thought, ‘How lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

2.Find the correct choice:

- Select one:
- ☐ a. Becoming
 - ☐ b. have becoming
 - ☒ c. Became
 - ☐ d. Become

Your answer is correct.
The correct answer is: Became

SECTIONS

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Correct

Mark 1.00 out of 1.00

my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

Find the correct choice:

- Select one:
- ☐ a. is
 - ☒ b. was
 - ☐ c. it
 - ☐ d. were

Your answer is correct.

The correct answer is: was

Question **36**

Incorrect

Mark 0.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2)_____ (become) the ruler of a small city. Damocles thought, ‘How lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

4.Find the correct choice:

- Select one:
- ☐ a. well
 - ☐ b. be
 - ☐ c. was
 - ☒ d. is

Your answer is incorrect.

The correct answer is: was

⬅

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Incorrect

Mark 0.00 out of 1.00

my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

5.Find the correct choice:

Select one:

☒ a. be has

☐ b. must be having

☐ c. be had

☐ d. be have

Your answer is incorrect.

The correct answer is: must be having

Question **38**

Incorrect

Mark 0.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2)_____ (become) the ruler of a small city. Damocles thought, ‘How lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

6.Find the correct choice:

Select one:

☒ a. should have

☐ b. will have

☐ c. can have

☐ d. must have

Your answer is incorrect.

The correct answer is: must have

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Correct
Mark 1.00 out of 1.00

my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

7.Find the correct choice:

Select one:

☒ a. had ✓

☐ b. must have

☐ c. have

☐ d. has

Your answer is correct.

The correct answer is: had

Question **40**
Correct
Mark 1.00 out of 1.00

Once upon a time there (1) _____ (live) a man called Damocles. A friend of his eventually (2)_____ (become) the ruler of a small city. Damocles thought, ‘How lucky my friend (3) _____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7)_____ (have) his luck.’ He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

8.Find the correct choice:

Select one:

☐ a. decide

☒ b. decided ✓

☐ c. will decide

☐ d. deciding

Your answer is correct.

The correct answer is: decided

SECTIONS

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Correct

Mark 1.00 out of 1.00

_____ (be). He (4)_____ (be) now a ruler. He must (5)_____ (have) a great time. He (6)_____ have fine clothes, lots of money and a number of servants. I wish I (7) _____ (have) his luck.' He (8)_____ (decide) to visit his friend to enjoy his hospitality. When he (9)____ (reach) the palace, the king himself (10)_____ (receive) him with respect and affection. Damocles then (11)_____ (tell) the king that he (12)_____ (be) indeed a lucky man. The king (13)_____ (smile). He (14)_____ (invite) his friend to (15) _____(had) dinner with him.

9.Find the correct choice:

Select one:

☐

a. arrive

☐

b. reaching

☐

c. reach

☒

d. reached

Your answer is correct.

The correct answer is: reached

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