✓ Answered: o | UnAnswered: 50 | ? For Review: o

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```
Q. No. 1
                 Function definitions are present in the Standard header files.
                 A: Yes, they are the library files
                 B: No, only declarations are present
                 C: No, both declarations and definitions are present
                 D: No, only definitions are present in header files
O A O B O C O D Clear Answer
                                     Mark For Review
                 Q. No. 2
                 What is the output of the following code snippet?
                        #include <stdio.h>
                 int main(){
                               int x = -2;
                               while (x++ || x == 0){
                                      printf("X");
```

✓ Answered:2 | UnAnswered:48 | ? For Review: 0

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```
○ A ○ B ● C ○ D Clear Answer
                                     Mark For Review
                 Q. No. 2
                 What is the output of the following code snippet?
                        #include <stdio.h>
                 int main(){
                              int x = -2;
                              while (x++ || x == 0){}
                                     printf("X");
                 A: X is printed 2 times
                                            B: X is printed 1 times
                 C: No Output
                                            D: X is printed infinitely
○ A ○ B ○ C ● D Clear Answer
                                     Mark For Review
                 Q. No. 3
                 What is the output of the following recursive code?
```

✓ Answered:2 | UnAnswered:48 | ? For Review: 0

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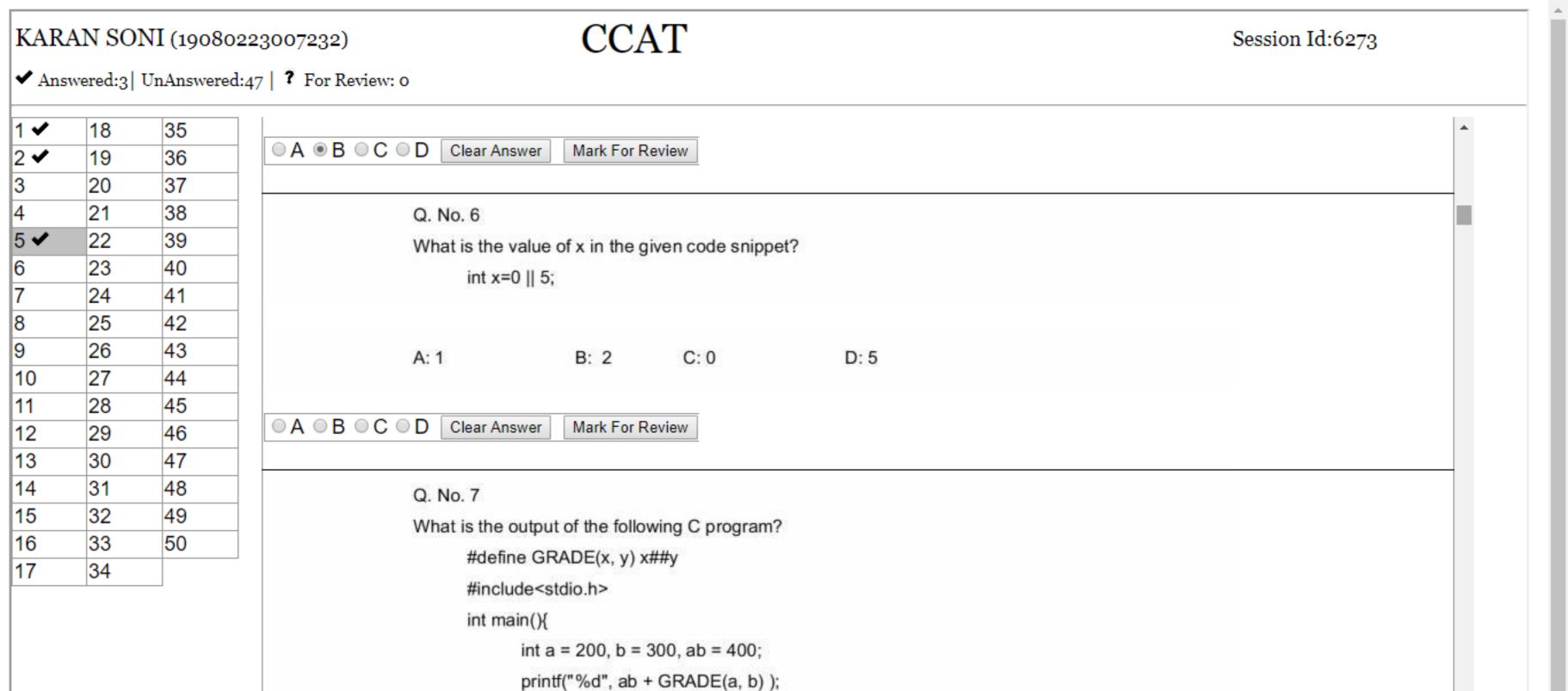
34

```
○ A ○ B ○ C ● D Clear Answer
                                   Mark For Review
                 Q. No. 3
                 What is the output of the following recursive code?
                       #include <stdio.h>
                       void recur(int);
                       int main(){
                             recur(1);
                       void recur(int num){
                             if(num<=3){
                                    printf("%d", num);
                                    recur(num++);
                                                       B: 123
                A: runtime error: stack overflow
                 C: 111
                                                       D: 321
```

#include <stdio.h>

Mark For Review

O A O B O C O D Clear Answer

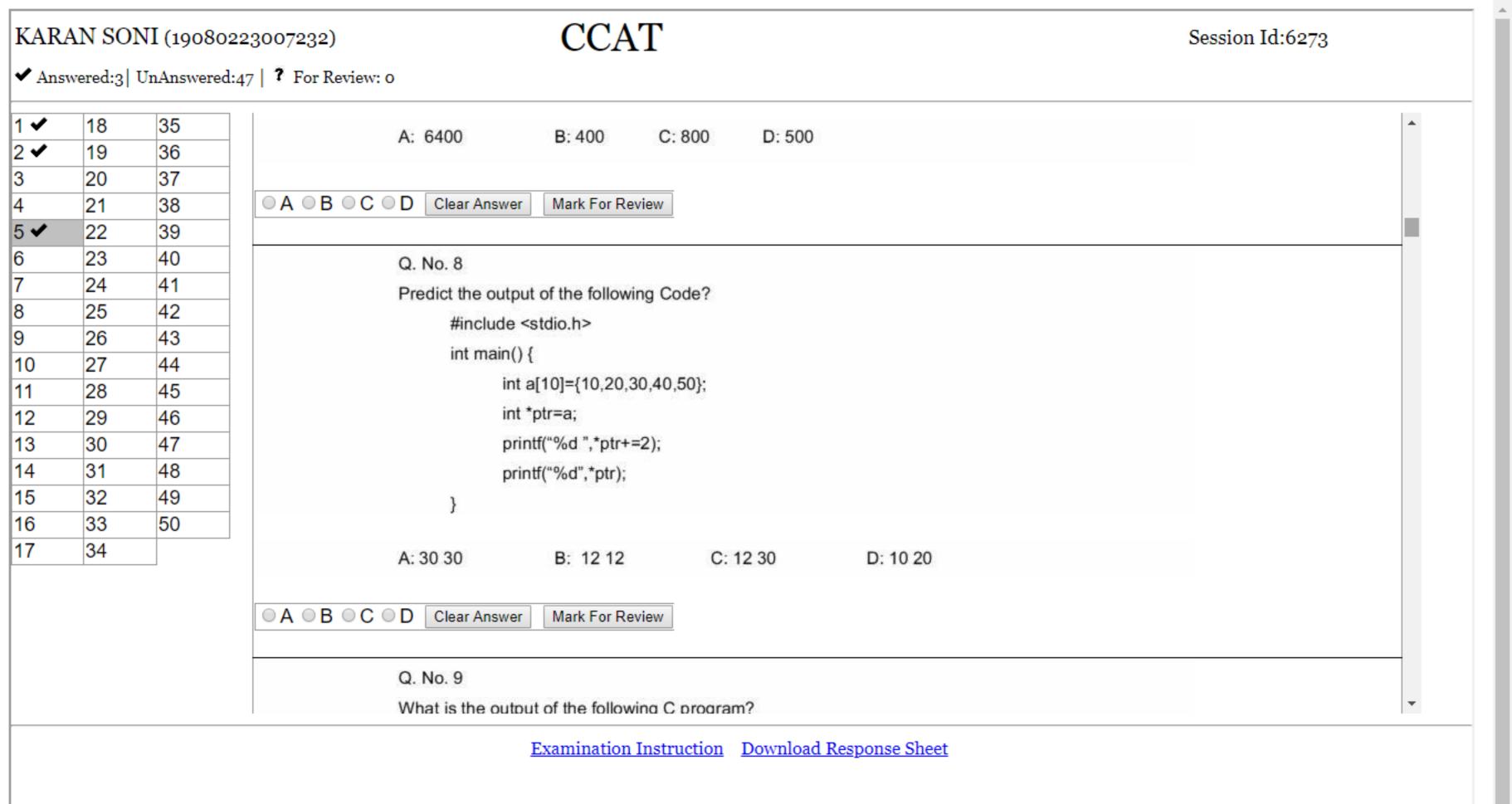


return 0;

Q. No. 8

Predict the output of the following Code?

Hinduda cetdia ha



✓ Answered:3 | UnAnswered:47 | ? For Review: 0

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○ A ○ B ○ C ○ D Clear Answer
                                   Mark For Review
                Q. No. 9
                What is the output of the following C program?
                       #include<stdio.h>
                       int main()
                            printf("%d", res(6));
                            return 0;
                       int res(int n)
                            return(n ? 1 + res( n & n-1 ): 0);
                A: 2
                             B: 1
                                          C: 6
                                                       D: 0
○ A ○ B ○ C ○ D Clear Answer
                                   Mark For Review
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✓ Answered:3 | UnAnswered:47 | ? For Review: 0

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```
Q. No. 10
                What is the output of the following Code?
                            #include <stdio.h>
                            char *fun(){
                                        static char str[20];
                                        return str;
                            int main(){
                                        strcpy(fun(),"Hello");
                                        printf("%s ",fun());
                      A: Hello
                      B: prints nothing
                      C: compiler error, function returning address
                D: runtime error, because you cannot copy anything to a function
O A O B O C O D Clear Answer
                                 Mark For Review
                Q. No. 11
                What is the output of the following C program?
                      #include<stdio.h>
```

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✓ Answered:3 | UnAnswered:47 | ? For Review: 0
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O A O B O C O D Clear Answer
                                   Mark For Review
                Q. No. 11
                What is the output of the following C program?
                       #include<stdio.h>
                       int main()
                             int x = 1, y = 1;
                             x = (y = 35) + 7;
                             printf("%d %d", x, y);
                             return 0;
                A: 35 7
                             B: 7 35
                                          C: 35 42
                                                       D: 42 35
O A O B O C O D Clear Answer
                                   Mark For Review
                Q. No. 12
                What is the output for the following code snippet?
                       #include <stdio.h>
```

Session Id:6273

✓ Answered:3 | UnAnswered:47 | ? For Review: 0

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```
○ A ○ B ○ C ○ D Clear Answer
                                    Mark For Review
                Q. No. 12
                 What is the output for the following code snippet?
                       #include <stdio.h>
                       struct emp {
                              int age;
                              struct emp *ptr;
                       };
                       int main(){
                              struct emp var={24,NULL};
                              struct emp *ptr = &var;
                              ptr->ptr = ptr;
                              printf("%d %d", ptr->age,ptr->ptr->age);
                 A: 24 24
                                           B: 0 0
                 C: NULL NULL
                                           D: Undefined behaviour (Runtime error)
```

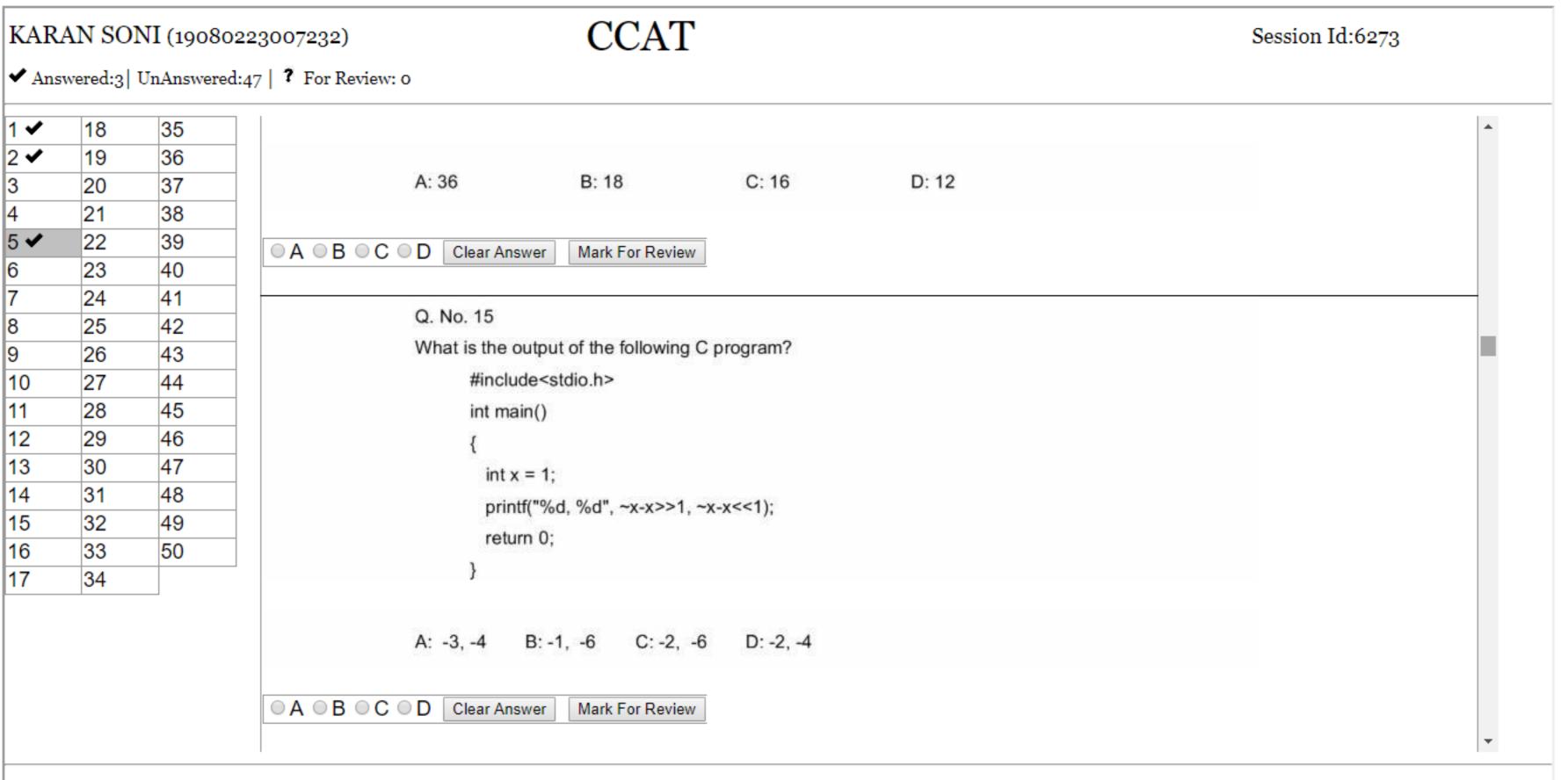
<u>Examination Instruction</u> <u>Download Response Sheet</u>

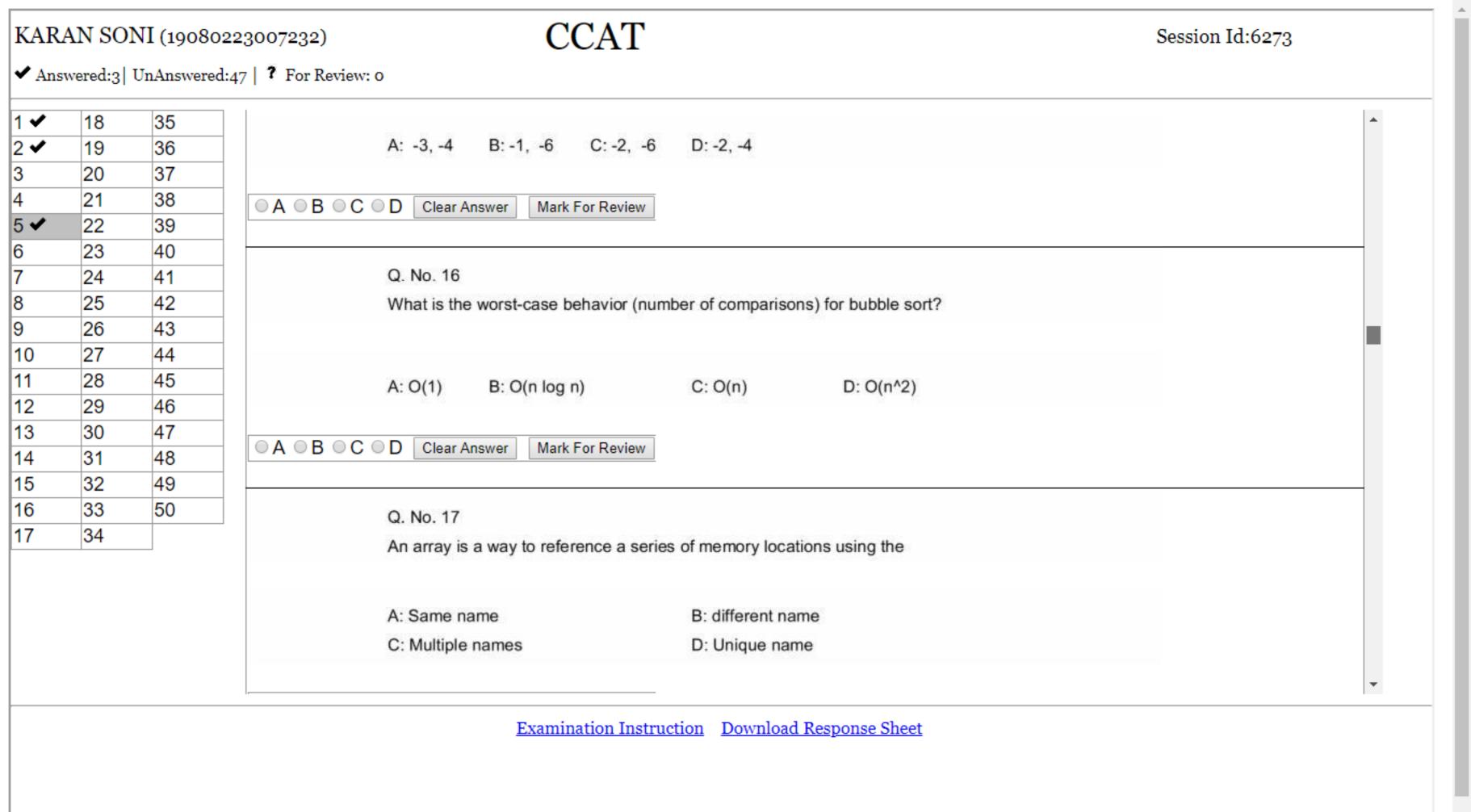
✓ Answered:3 | UnAnswered:47 | ? For Review: 0

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O A O B O C O D Clear Answer
                                    Mark For Review
                 Q. No. 13
                 Consider the definition of the following UNION.
                              int main () {
                                    union Test{
                                           unsigned short int si;
                                           unsigned char ch[2];
                                    union Test var = {257};
                                     printf("%d %d %d", var.ch[0],var.ch[1], var.si);
                       What is the output?
                A: Compilation Error
                                                 B: Garbage Value
                 C: 1 1 257
                                                 D: 267 1 1
O A O B O C O D Clear Answer
                                    Mark For Review
```

int x = 1;

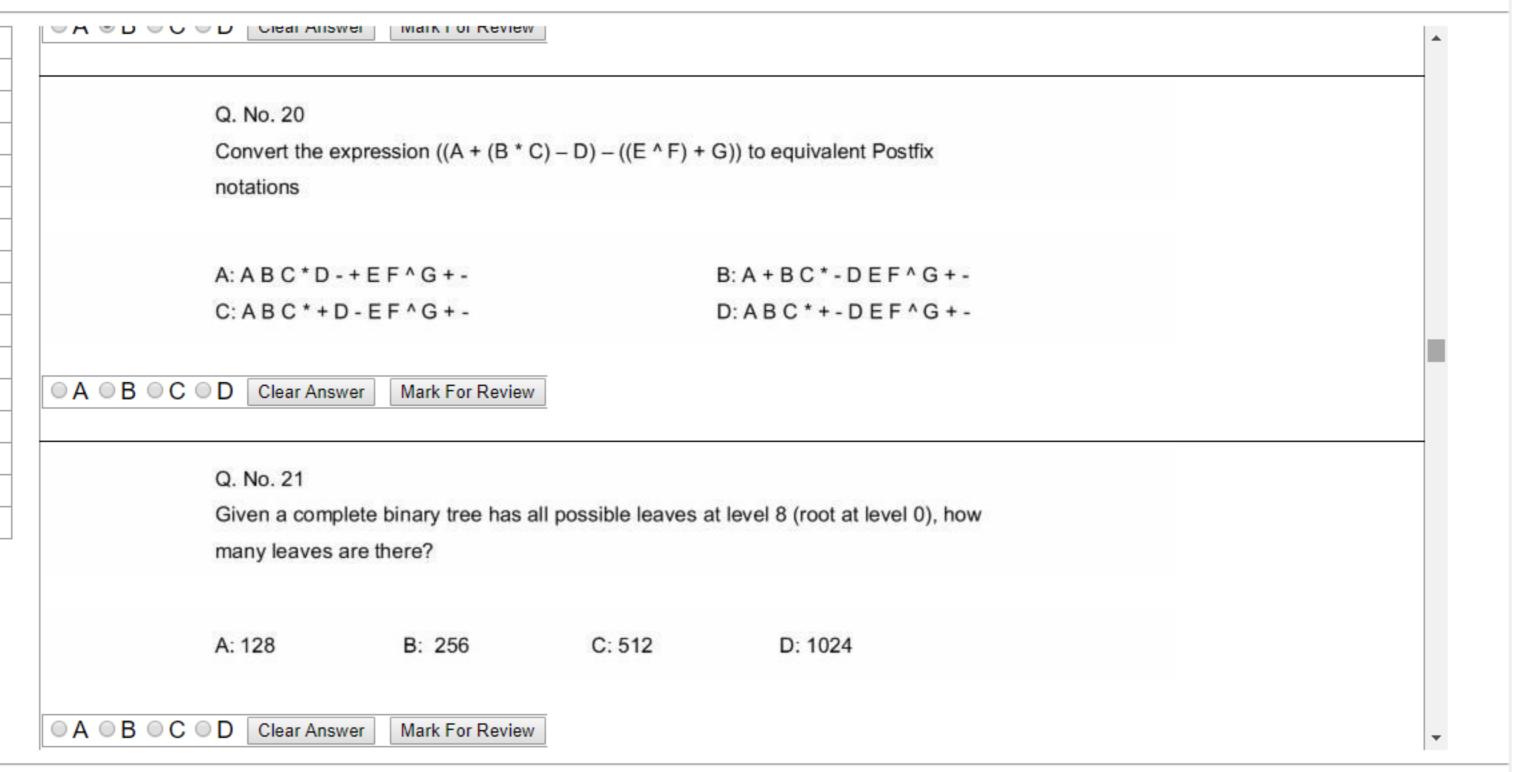




A A B A C A D Class Assured Made For Devision

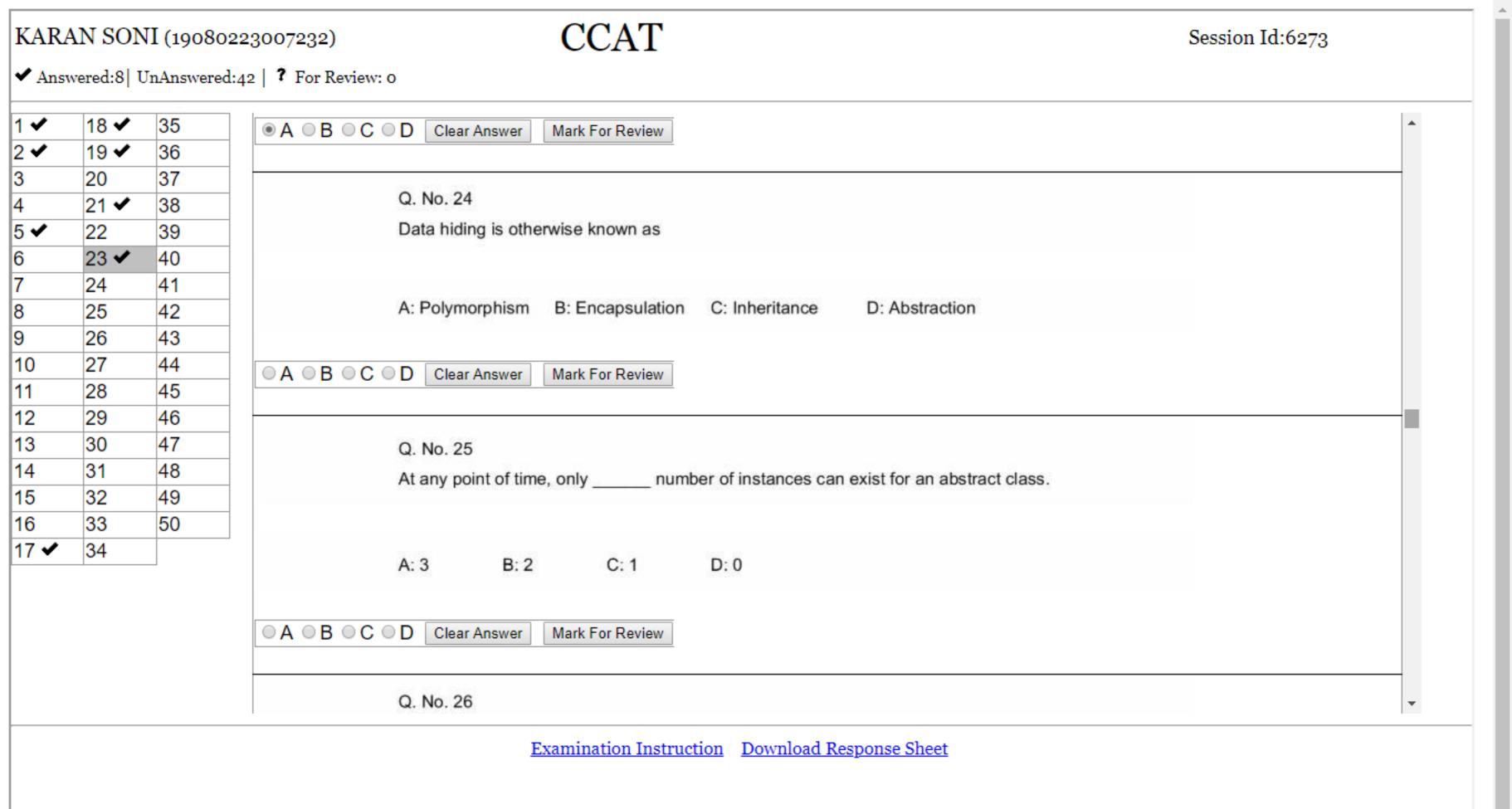
✓ Answered:6 | UnAnswered:44 | ? For Review: 0

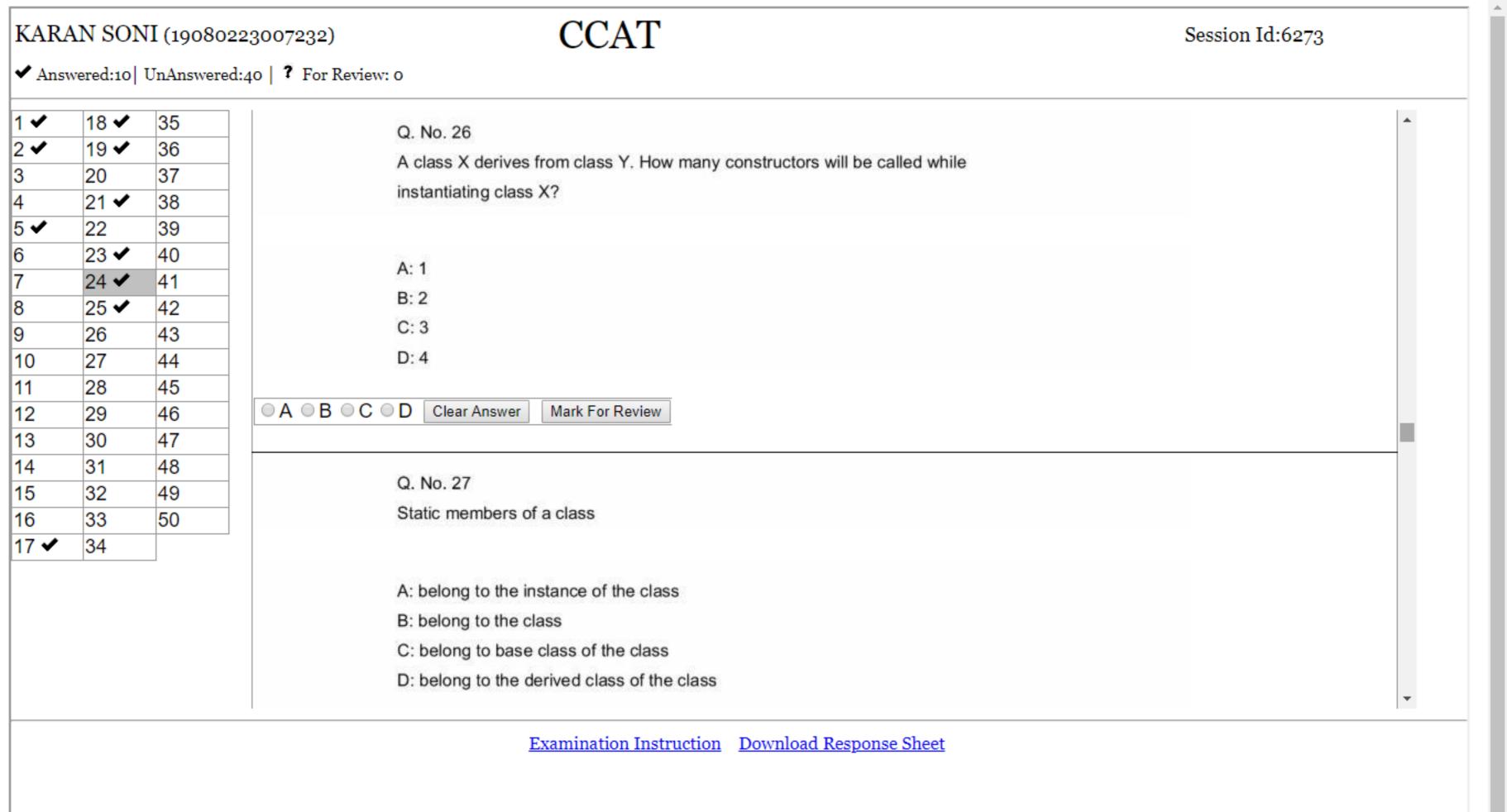
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Mark For Review

O A O B O C O D Clear Answer





✓ Answered:13 | UnAnswered:37 | ? For Review: 0

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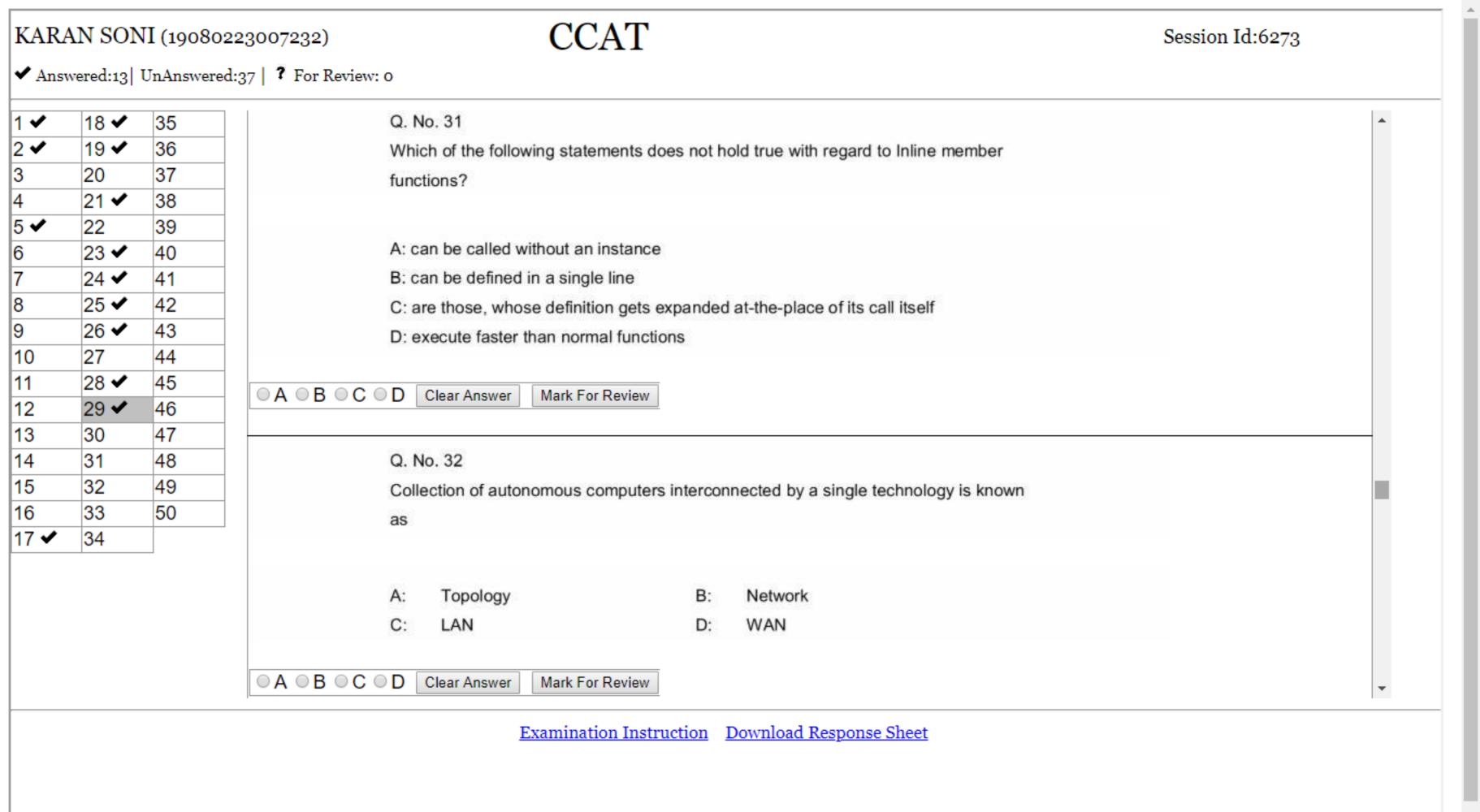
```
Q. No. 30
Which among the following statements is true with regard to this code:
class Base {
      int baseProperty;
      public : void protectMe() {
             cout << baseProperty;
class Derived: protected Base {
      int derivedProperty;
Base b;
Derived d;
b.protectMe();
d.protectMe();
```

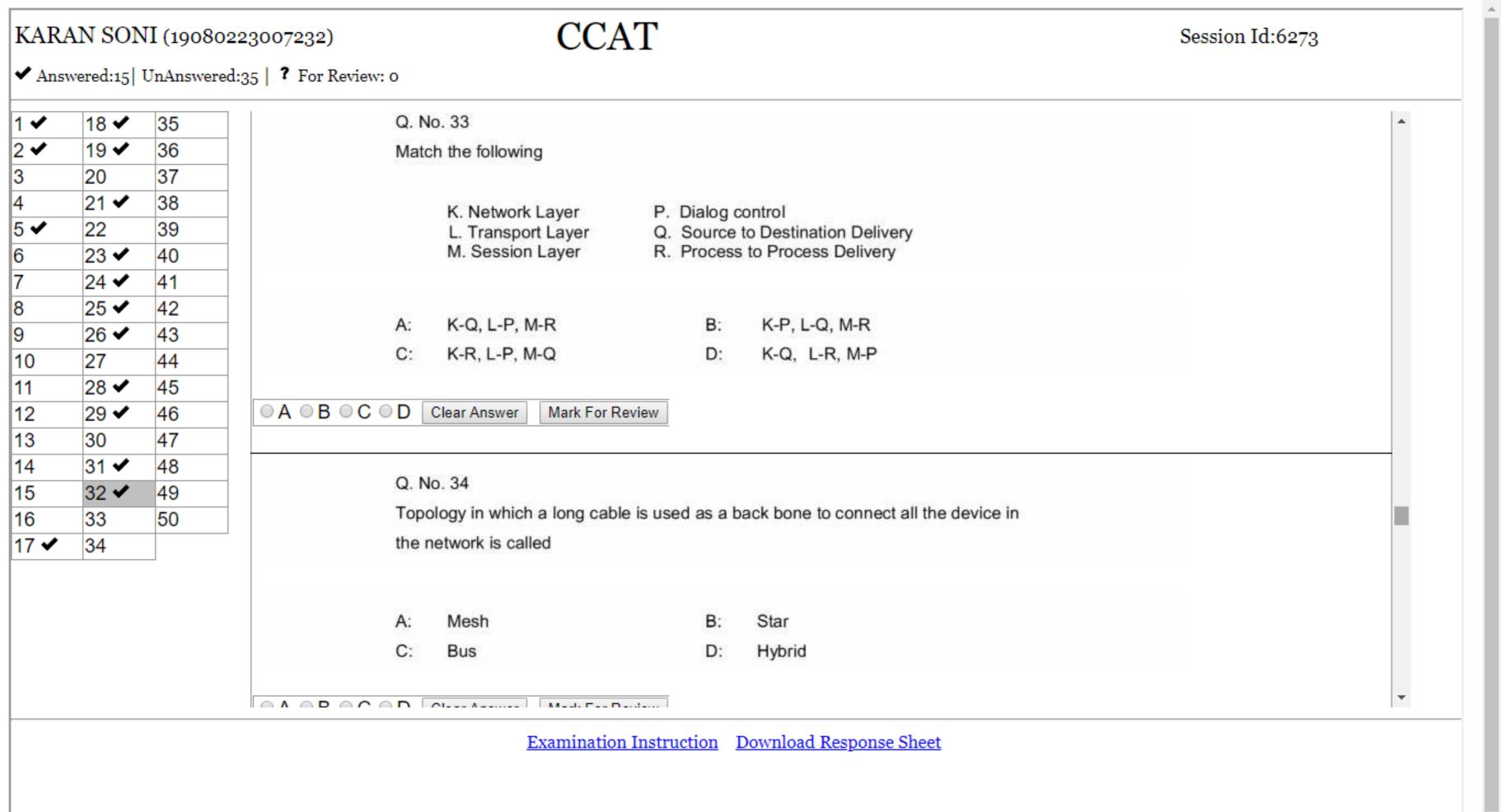
A: Base class object can execute protectMe() method

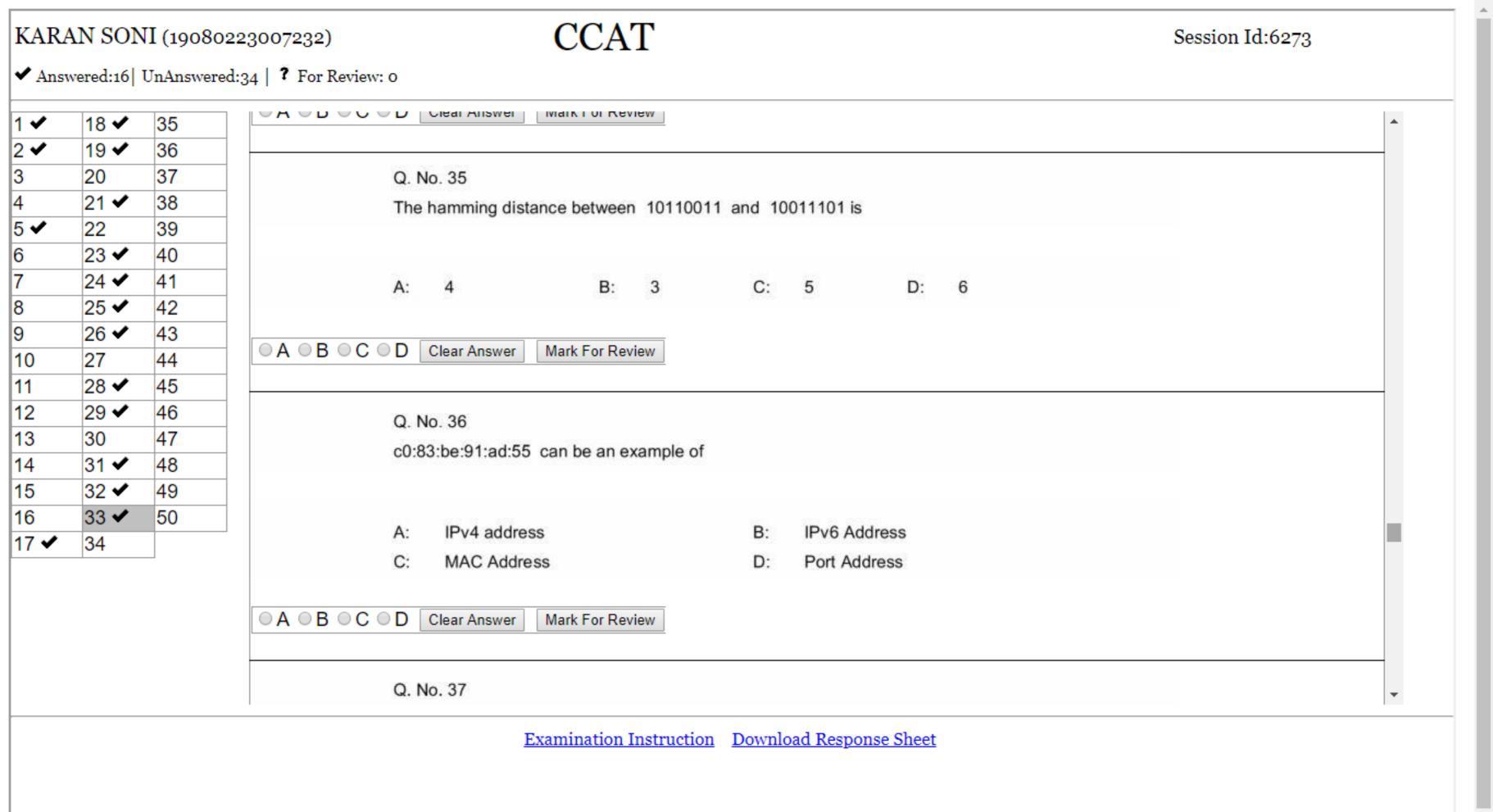
B: Derived class object can execute protectMe() method

C: Both, Base class and Derived class can execute protectMe() method

D: Both Base class and Derived class cannot execute protectMe() method





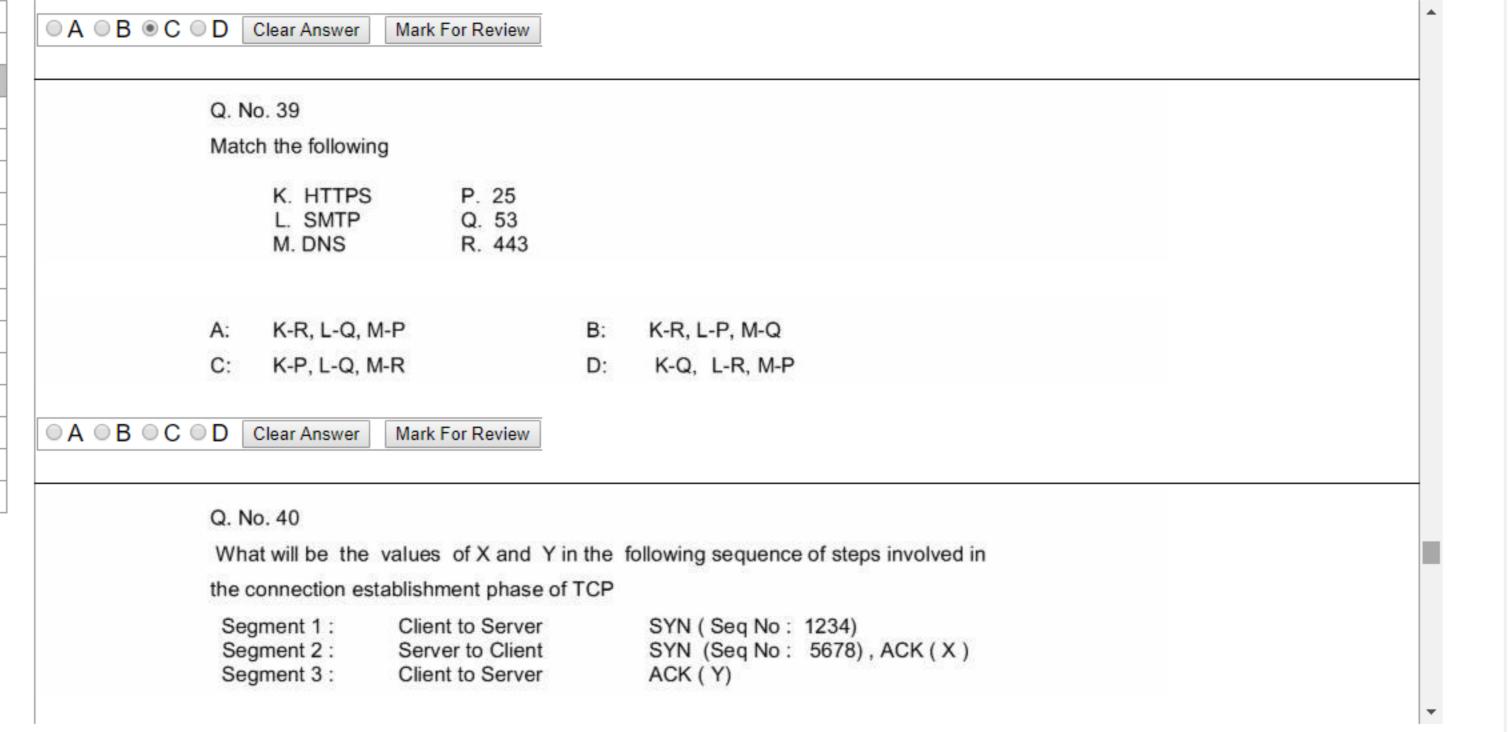


Mark For Review

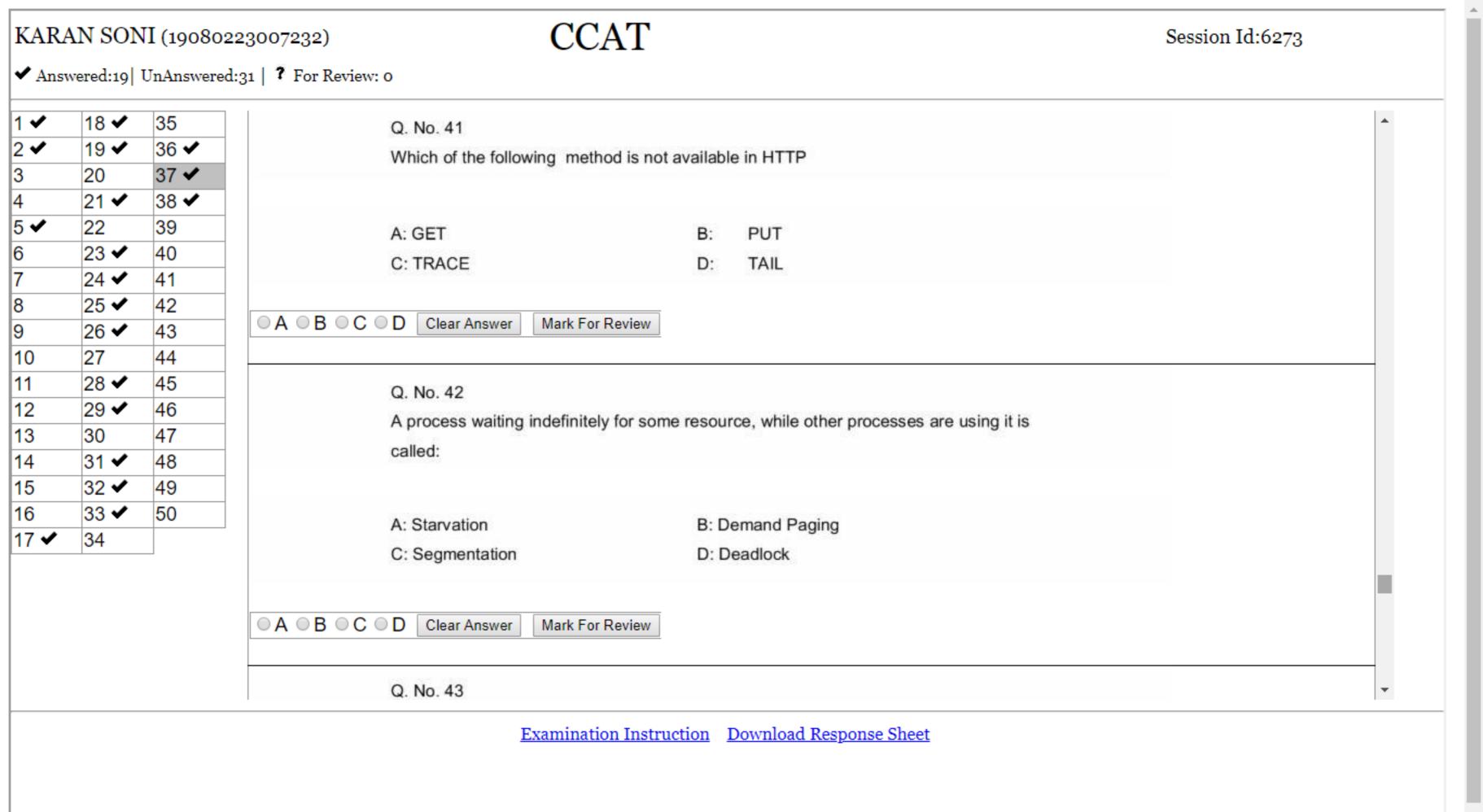
O A O B O C O D Clear Answer

✓ Answered:19 | UnAnswered:31 | ? For Review: 0

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9	26 🗸	43
10	27	44
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12	29 🗸	46
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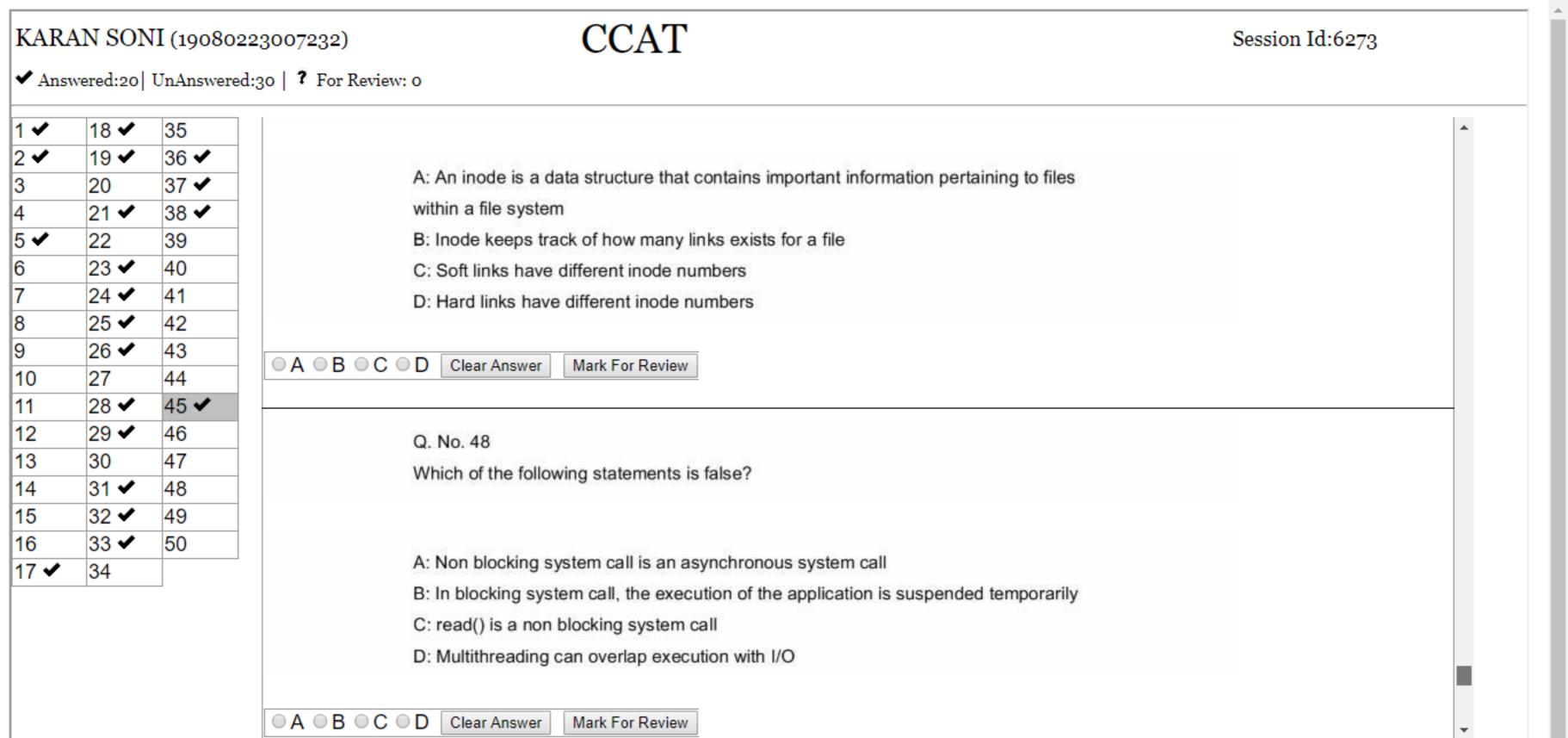
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Q. No. 45

Δ Ω R Ω C. Ω D. Clear Δnewer Mark For Review

○ A ○ B ○ C ○ D Clear Answer Mark For Review



✓ Answered:20 | UnAnswered:30 | 7 For Review: 0

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O A O B O C O D Clear Answer
                                    Mark For Review
                 Q. No. 49
                 How many times will "Bye" be displayed if the following program is executed?
                 #include<stdio.h>
                 int main()
                     printf("Hello\n");
                     fork();
                      printf("World\n");
                     fork();
                     printf("Bye\n");
                     fork();
                 A: 2
                                B: 4
                                                  C: 6
                                                                     D: 8
○ A ○ B ○ C ○ D Clear Answer
                                    Mark For Review
```

✓ Answered:21 UnAnswered:29 | ? For Review: 0

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