

Name: **ANSWER KEY**

MINOR QUIZ

Roll:

W6P*

Sect:

P1

```
1 #include <stdio.h>
2 int main(){
3     int i, j;
4     for(i = 5; i < 10 && j < 7; i++)
5         for(, j++){
6             if(1)
7                 break;
8         }
9     int do = i + j;
10    printf("%d\n", i - j + 1);
11    return 0;
12 }
```

Q1: Which are the incorrect lines in this code?

GOLD SOLUTION

5, 9

MAX MARKS

5

```
1 #include<stdio.h>
2 int main(){
3     int a, b = 40, c = 0, d;
4     for(a = 10; a < b; a++){
5         for(d = -1; d <= 20; d++){
6             if(d) break;
7         }
8         ++c;
9         a--;
10        --b;
11    }
12    printf("%d", c);
13    return 0;
14 }
```

Q2: What is the output of this code?

Note: whitespaces indicated using gray-colored characters as in Prutor

GOLD SOLUTION

30

MAX MARKS

5

P2

```

1  #include <stdio.h>
2  int main(){
3      int N, i;
4      scanf("%d", &N);
5      for(i = 0, i < N; i++){
6          if (i % 2 == 0) i++
7          j = 0;
8          while (i < 10)
9              printf("%d ", i);
10             i++;
11             printf("\n");
12         }
13         return 0;
14     }

```

Q1: Which are the incorrect lines in this code?

GOLD SOLUTION

5, 6, 7

MAX MARKS

5

```

1  #include <stdio.h>
2  int main(){
3      int a=20, b=10, c=0;
4      while(a--){
5          b += c++;
6      }
7      printf("%d", b);
8      return 0;
9  }

```

Q2: What is the output of this code?

Note: whitespaces indicated using gray-colored characters as in Prutor

GOLD SOLUTION

200

MAX MARKS

5

P3

```

1  #include <stdio.h>
2  int main(){
3      int i = 0, j, k, l;
4      for(j = i; j < i; j++){
5          for(k = j; k == j; k++){
6              for(l = k; l > k, l--){
7                  printf("%d", m);
8                  return 0;
9              }

```

Q1: Which are the incorrect lines in this code?

GOLD SOLUTION

6, 7

MAX MARKS

5

```

1  #include <stdio.h>
2  int main(){
3      int a = 20, b = 10, c = 0;
4      while(a--){
5          while(b){
6              c++;
7              b--;
8          }
9      }
10     printf("%d", c);
11     return 0;
12 }

```

Q2: What is the output of this code?

Note: whitespaces indicated using gray-colored characters as in Prutor

GOLD SOLUTION

10

MAX MARKS

5

P4

```
1  #include <stdio.h>
2  int main(){
3      int i = 0, count = 0;
4      do
5          count += i++;
6      while(i < 5)
7      while(i > 10){
8          printf("yes");
9          if(i < 10)
10             printf("No");
11             break;
12     }
13     return 0;
14 }
```

Q1: Which are the incorrect lines in this code?

GOLD SOLUTION

6

MAX MARKS

5

```
1  #include <stdio.h>
2  int main(){
3      int a = 99, b = 10, c = 0;
4      while(--a){
5          c += a % b;
6      }
7      printf("%d", c);
8      return 0;
9  }
```

Q2: What is the output of this code?

Note: whitespaces indicated using gray-colored characters as in Prutor

GOLD SOLUTION

441

MAX MARKS

5