Q 1.

let a=10;

{

let a=20;

console.log(a)

}

console.log(a)

Output :

20

10

============

Q 2.

let a;

a = 100;

console.log(a);

Output :

100

============

Q 3.

console.log(y);

y = 1;

Output : Error,

It will throw a Reference Error: y is not defined.

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Q 4.

var y = undefined;

y = 3;

console.log(y);

Output :

3

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Q 5.

var z = 1;

let z;

console.log(z);

Output : Error

SyntaxError: Identifier 'z' has already been declared

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Q 6.

var x = 10;

function test() {

var x = 20;

}

test();

console.log(x);

Output :

10

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Q 7.

var x = 10;

console.log(x);

if(true) {

var x = 20;

console.log(x);

}

console.log(x);

Output :

10

20

10