Question 1:

With the help of const keyword, we can’t reassign value.

Const number = 72;

Question 2:

var m =10;

if(m==10){

    let m=11;

    console.log(m);

}

console.log(m);

Output:

11

10

Question 3:

let order = {

    id : 13,

    title : "pen",

    price : 40,

}

 let printOrder = function() {

    console.log(order.id, order.title, order.price);

 };

 const getPrice = function() {

    console.log(order.price);

 };

 printOrder();

 getPrice();

let order2 = Object.assign({},order);

console.log(order2);

13 "pen" 40

40

{id: 13, title: "pen", price: 40}

Question 4:

let names = ['Tom', 'Ivan', 'Jerry'];

const objectArray = names.map((str) =>

                               ({ name: str, length: str.length }))

console.log(objectArray);

Question 5:

/\* Part A \*/

function add(a=1, b=1){

     return a + b;

    }

    console.log(add(6,5));

    console.log(add());

/\* Part B \*/

userFriends("A", ["B", "C", "D", "E", "F"]);

function userFriends(username, ...userFriends){

    console.log(username);

    console.log(userFriends);

}

/\* Part C \*/

let printCapitalNames = function(...names){

    for(let i in names){

        console.log(names[i].toUpperCase());

    }

}

var names = ["abc", "def", "ghi", "jkl", "mno"];

printCapitalNames(...names);

Question 6:

let myName = "Indhu";

let laptopModel = "hp-g7";

let deskNo = 111;

let Message = `Hi, I am ${myName} and I am facing some issue with

my laptop: ${laptopModel} on desk number: ${deskNo}. Kindly resolve this issue this ASAP`;

console.log(Message);

Question 7:

/\* Part A\*/

let arr = [10,22,30,55];

let [one, second, third, fourth] = arr;

console.log(third);

/\* Part B\*/

const organization = {companyName:"Capgemini", address:{city:"Bangalore", pincode:""}};

let {companyName,address:{city,pincode}} = organization;

console.log(pincode);