Q1- To what evaluates  a and  b in the following snippet:

function foo() {

let a = b = 0;

a++;

return a;

}

foo();

a; = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b; = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q2- What will be the output to console of following code:

let i;

for (i = 0; i < 3; i++) {

const log = () => {

console.log(i);

}

setTimeout(log, 100);

}

Q3 - Scope?

function test(){

console.log(myVar);

console.log(myConst);

var myVar = 'value';

const myConst = 3.14;

}

Q3 – Object Equality

function test(){

let obj1 = {a:1}

let obj2 = obj1

console.log(obj1===obj2) Your Answer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

obj2 = {a:1}

console.log(obj1===obj2) Your Answer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

}

**JS**

Q5 – bind vs call vs apply JS

Q6 – Array.map vs filter vs REDUCE

**REACT**

Q- Error Boundary ?? how it is implemented in application ? each component or can we have a generic one ?

Q – Refs vs Keys (Ans = refs manipulate **actual**DOM as opposed to **virtual**DOM)

Q- What is the second argument that can optionally be passed to setState and what is its purpose?

Q- Context vs Redux ? when to use which ?

Let sampleArray = [

{

Name : ”ali”,

age : 10,

subject : ”english”,

school : ”Allied”

},{

name:”imran”,

age:11,

subject :”maths”,

school:”DPS”

},{

name:”bilal”,

age:11,

subject :”english”,

school:”Allied”

}

]

**Q - Write a function such that:**

Function takes in the key value as parameter and groups the data based on that key

e.g :

yourFunction(“subject”) should return

{

english: [ all objs with English as subject ],

maths: [ all objs with maths]

}

&&

yourFunction(“school”) should return

{

DPS: [ all objs with DPS as school ],

Allied: [ all objs with KIMS as school]

}