ASSIGNMENTS

MATHS -09-04-2020

EX 4A question no 3, 4, 5, 7, 9, 11

Ex 4B question no 1,2,4(odd parts) 7,9,11,13,17,23,25,27 and board questions(31-37)

BIOLOGY - 10-04-2020

CHAPTER :1 CELL

1. P notes from underline parts(mentioned in book)
2. Draw diagrams of animal cell and plant cell.
3. Try to solve the exercise in book given on page 7.

ECONOMICS APPLICATIONS- 10-04-2020

1- Define demand. How it is different from desire?

2- Define the following with examples:

a) Substitute goods

b) Complimentary goods

c) Inferior goods

d) Normal goods

3- Differentiate between derived demand and composite demand.

4- Explain any five determinants of demand.

COMPUTER APPLICATIONS- 10-04-2020

L5-USER-DEFINED METHODS

1. What are functions?
2. Why do we use functions?
3. What is function prototype?
4. Write the prototype of function **find** which takes two arguments one string and another character and returns as true or false.
5. Write the prototype of function **check** with three integer arguments and return 1 or 0.

6. What is the difference between pure and impure function?
7. What is call by value and call by reference?
8. How are following passed: i) primitive type ii) reference type
9. What is the use of return statement?
10. What is the role of void in function declaration?
11. Differentiate between actual and formal parameters.

12. Consider the following class

```
public class test
{public static int x=3, y=4; public int a=2,b=3;
int add (int p , int q)
{ int res=p+q;  return res}}}
```

a. Name the variable for which each object of the class will have its own distinct copy.
b. Name the variables that are common to all object of the class.
c. Name the local variables.

13. In the program given below, state name and value of the
    a. Method argument or argument variable
    b. Class variable
    c. Local variable
    d. Instance variable

```
class myClass
{ static int x=7;  int y=2;
public static void main(String args[])
{ myClass obj=new myClass();
System.out.println(x);
obj.sampleMethod(5);
int a=6;
System.out.println(a); }
Void sampleMethod(int  x)
{  System.out.println(x);
System.out.println(y);}}
```

14. Consider the following class

```
public class MyClass
{ public static int x=3, y=4; public int a=2, b=3;}
```

a. Name the variable for which each object of the class will have its own distinct copy.
b. Name the variables that are common to all object of the class.

15. Consider the following code and answer the questions those follows:

```
class academic
{ int x, y;
void access()
{int a, b;
academic stu = new academic();
System.out.println(“object created”);}}
```

a. What is the object name of class academic?
b. Name the class variables used in a program.
c. Name the local variables used in a program.
d. Give the type of function used and its name.