**OOPS FUNDAMENTALS**

QUES-1) HOW TO CREATE AN OBJECT IN JAVA?

ANS) BASICALLY WE HAVE 5 WAYS TO CREATE OBJECT IN JAVA, BUT THE MOST COMMON WAY TO CREATE AN OBJECT IS BY USING NEW KEYWORD

QUES-2) WHAT IS THE USE OF NEW KEYWORD IN JAVA?

ANS) IT IS USED TO CREATE AN OBJECT.

QUES-3) WHAT ARE THE DIFFERENT TYPES OF VARIABLES?

ANS) THERE ARE THREE DIFFERENT TYPES OF VARIABLES:

1. INSTANCE VARIABLE- IT WILL CREATE AT THE TIME OF OBJECT CREATION AND DIE AT OBJECT DESTRUCTION.
2. LOCAL VARIABLE
3. STATIC VARIABLE
4. PRIMITIVE VARIBLE – IT IS USED TO REFERTHE PRIMITIVEVALUES
5. REFERENCE VARIABLE- IT REFERES AN OBJECT.

QUES-4) DIFFERENCE BETWEEN INSTANCE VARIABLE AND LOCAL VARIBLE?

ANS) INSTANCE VARIABLE :- THE VARIABLE WHICH IS CREATED INSIDE THE CLASS, BUT OUTSIDE THE METHOD.

LOCAL VARIABLE- THE VARIABLE WHICH IS CREATED INSIDE A METHOD TO USE IT LOCALLY, THE SCOPE IS LOCAL

QUES-5) WHERE THE INSTANCE AND LOCAL VARIABLE STORED?

ANS) INSTANCE VARIABLE – IN HEAP MEMORY

LOCAL VARIABLE- IN STACK MEMORY

QUES-6) WHAT IS METHOD OVERLOADING?

ANS) THE CONCEPT IN WHICH WE USE THE SAME FUNCTION NAME WITH DIFFERENT PARAMETER.