FUNDAMENTAL OF JAVA -2

QUES-1) WHAT IS STATICALLY TYPED AND DYNAMICALLY TYPED PROGRAMMING LANGUAGE?

ANS) STATICALLY TYPED PROGRAMMING LANGUAGE- THE PROGRAMMING LANGUAGE WHERE WE HAVE TO DEFINE THE VARIABLES WITH IN THE CODE AND MEMORY ALLOCATED AT COMPILE TIME.

FOR EG- C++, JAVA, C

DYNAMICALLY TYPED PROGRAMMING LANGUAGE – THE PROGRAMMING LANGUAGE WHERE WE DON’T NEED TO DEFINE THE VARIABLES WITH IN THE CODE, THE LANGUAGE ITSELF ALLOCATE THE MEMORY ACCORDING TO DATA AT RUNTIME.

FOR EG- PYTHON, JAVASCRIPT.

QUES-2) WHAT ARE VARIABLE IN JAVA?

ANS) IT IS USED TO STORE THE DATA IN THE PROGRAM.

QUES-3) HOW TO ASSIGN A VALUE TO VARIABLE?

ANS) BY USING EQUAL TO OPERATOR (=); (the shifting is done from right to left)

FOR EG- int age = 10;

QUES-4) WHAT ARE PRIMITIVE DATA TYPES IN JAVA?

ANS) THE DATA TYPE WHICH HAS A DEFINED CONSTRAINT OF STORAGE IN IT, THEY WORK WITHIN A PARTICULAR RANGE.

QUES-5) WHAT ARE IDENTIFIERS IN JAVA?

AND) THE VARIABLE NAME WHICH IS DEFINED TO STORE THE DATA WITHIN THE PROGRAM.

QUES-6) LIST THE OPERATORS IN JAVA?

ANS) THE OPERATORS ARE

* ARITHMETIC OPERATOR
* RELATIONAL OPERATOR
* LOGICAL OPERATOR
* ASSIGNMENT
* UNARY

QUES-7) EXPLAIN ABOUT INCREMENT AND DECREMENT OPERATORS AND GIVE AN EXAMPLE?

ANS) INCREMENT- THE OPERATOR WHICH IS USED TO INCREMENT THE VALUE.

FOR EG- int a = 10;

a++;(POST INCREMENT)

++a;(PRE INCREMENT)

DECREMENT – THE OPERATOR WHICH IS USED TO DECREMENT THE VALUE.

FOR EG- int b = 20;

b--(POST DECREMENT)

--b(pre decrement)