

### **Question 1 .**

**Answer.** Statically typed programming languages are those languages which create variables in compile time and are referred to as 'Static typed'. Like c/c++,Java.

Dynamic typed programming languages are referred to as 'dynamic typed' and create variables at execution/run time . Like ,python ,javascript,php.

### **Question 2 .**

**Answer .** If any value we give the name .Like an object and we call it by name . In the programming language we call variable.Like name = "Ram" name is a variable.

### **Question 3.**

**Answer .** Assign a value to a variable by an assignment operator . Like i = 10; i has value 10.

### **Question 4.**

**Answer .** Primitive data type in java has four type byte, short, int,long ,data type is used to store a value and memory allocation. It has a range also . byte-1byte, short-2byte, int-4byte,long-8byte.

### **Question 5.**

**Answer .** Identifier in java as ,name of variable and object class name ,method and special characters \$ or \_ and symbol .A unique way to give these names is called Identifier. Java is not used as a reserved word.

### **Question 6.**

**Answer .** There are eight type of operator in java:-

1. Assignment Operator
2. Arithmetic Operator
3. Relational Operator
4. Logical Operator
5. Unary Operator
6. Bitwise Operator
7. Instanceof Operator
8. Ternary Operator

### **Question 7.**

**Answer .** Increment and Decrement operator are two type postfix,prefix  
I.e. a = 1; a++ is a postfix ,++a prefix ,a-- is postfix, --a prefix

Postfix . First use value than inc/dec

Prefix. First inc/dec and than use value