**1. Datatypes:**

primitives,

derived,

non primitives.

**2. Operators:**

arithmatic,

assignment,

logical,

bitwise,

relational.

**3. Conditionals:**

if,

if-else,

if-else if ladder,

if-eliff ladder, // python

Nested if,

switch case,

jump statements.

break

continue

goto //c c++

return

**4. loops:**

while,

for,

do{} while,

range() //python

nested loops,

loop control statements.

break

continue

goto //c c++

return

pass //python

**5. idetifiers:**

reserved/keywords,

literals.

**6. variables:**

local,

instance.

static.

global,

automatic,

external.

**7. functions:**

default,(static ip),

parameterized(call by value/dynamic ip),

copy (call by address/ copy initilization),

overloading,

overriting.

**8. data-structures.**

***1. physical:***

\* arrays,

creation

insert at begining

insert at end

insert at givin index

searching

merging 2 arrays

delation

\* linkedlist.

creation

insert at begining

insert at end

insert at givin index

searching

merging 2 arrays

delation

***2. logical:***

stack,

queue,

trees,

graphs,

dictionaries.

**9. language API;s.**

c libraries,

c++ STL,

java JCF,

Python libraries & Modules,