Assignment

Ans 1. It is a special type of method whose name is some as class is called Construction.

Ans. 2 It is the process of calling a sequence of constructors.
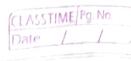   ✦ By using this () keyword
    ✦ By using Super () keyword

Ans 3 No, we can't call a subclass constructor from Super class constructor

Ans 4 If we keep a return type of constructor than it will treated as a method.

Ans 5 When a constructor don't accept any parameters, it is know as no-argument constructor.

Ans 6 The default constructor is no-args constructor that the java compiler inserts on your behalf, it contains a defaults call to Super(), which is the default behaviour

Ans 7 If we need to initializing an object in different ways then we use constructor overloading because different constructor have their different no of parameters

Ans 8 Default constructor means it is created default by java compiler if we don't define any constructor for a class

<u>Package</u> : It's mean project is divided into file is called Package.

if we need to make a package name than folder name is col the Package name is com. schil. col.cold

<u>access Modifiers</u> :

→ Public → Private → Procted → default we also use in class method, variable.

Access Modifiers	within same class	outside class Same Packge	outside Packge Sub class	outside Packge non-sub class
Public	✔	✓	✓	✓
Procted	✓	✓	✓	✗
Default	✓	✓	✗	✗
Private	✓	✗	✗	✗

visibility decrease →
visibility increase →

<u>Rules to override method in class</u>

★ we can't decrease the visibility
★ we don't change the return type
★ we can't override a method without include its Parameter

<u>Execution in the case of inheritance</u>   *Constructor*   *writter*
★ In case of constructor the Parent class constructor Parent full
① By child class constructor with the help of "super();
(i) it is basically used to make a call to the Parent class constructor.
(ii) intornally jum uses super to promote constructor chaining in inheritance level.