

# **SANYAM AGRAWAL – SE21UCSE192 – CSE3**

## **Assignment → Practice Problem-2**

Q1) 10

Q2) Multiple Inheritance is not allowed.

Q3) 1

2

3

Q4) Class A Constructor

Class B Constructor

Class C Constructor

Q5) Missing super keyword in class Y constructor, type of Object is not specified.

Q6) Missing super keyword in class B.

Q7) A constructor can have either super() or this() but not both.

Q8) No error

Q9) Compiler will not keep super() if we write this() as our first statement in constructor.

Q10) No

Q11) Yes, through Interface

Q12) 200

Q13) Yes, in abstract class we can have both signature and body of method.

Q14-i) We can't define body in abstract method.

Q14-ii) There is no implementation details of method add in class B.

Q15) Yes, correct . result = 20235.

Q16) FIRST

THIRD

SECOND

FIRST

THIRD

THIRD

Q17) private modifier is not allowed in interface class.

Q18) No, because public modifier should be specified in implementation details of methodX in class Y.

Q19) No, because 'i' is final variable and we cannot reassign value to it.

Q20) Methods can be properly overloaded if 'number' or 'type' of arguments are different.

Q21) Overloaded

Q22) ONE

Q23) 3

1

2

Q24) Cannot reference a field before it is defined.

Q25) 1

2

3

4

5

6