Q1. D. His goal cannot be achieved.

Q2. A. If line 1 and line 2 are commented, then class SubClass will compile

Q3. D. The program displays "300" followed by "200" as an output.

Q4. D. The program displays "display() method of X1 class" followed by "display() method of X2 class" followed by "display() method of X3 class" as an output.

Q5. A. The program generates a compile-time error

Q6. D. Program TestByte1 generates a compile-time error.

Q7. C. The program runs successfully and displays output as "Default constructor in Test1 class"

Q8. C. Program generates a compile-time error.

Q9. D. Program displays "0" followed by "7" as an output.

Q10. E.   All statements at //1, //2, //3, and //4 are valid.

Q11. A. Program generates compile-time error.

Q12. B. Program compiles successfully if statement at //1 is not commented and at //2 is commented.

Q13. C.   Program displays "617" as an output

Q14. B. non static doMethod1 in Base class

   static doMethod2 in Base class

   non static doMethod1 in Sub class

   static doMethod2 in Base class

Q15. A. Statements at //4 and //6 are invalid statements

Q16. A.   System.out.println(this.objABC.str);

   B.   System.out.println(objABC.str);

Q17. C. It displays "Kogent Solution Inc" as an output.

Q18. A. The program displays "200" followed by "100" as an output.

Q19. A. The program displays "Y.str1 X.str2 X.str1 X.str2" as an output.

Q20. B. Program displays "MyClass1" followed by "MyClass2" followed by "MyClass3" as an output.

Q21. D. Program generates compile-time error.

Q22. D. program generates compile-time error

Q23. B. Program displays "Sub.method1" followed by "BaseClass.method2" as an output

Q24. C. Program displays "Getting fruit" followed by "Apple" as an output.

Q25. B. Program displays "3" followed by ", side 360 degree : Rectangle" as an output.

Q26. A. Program generates compile-time error.

Q27. A. Program displays "A.doSomething1" followed by "B.doSomething2" as an output

Q28. C. Program generates compile-time error.

Q29. D. It displays "Base class" followed by "Sub class" followed by "20" followed by "20" as an output.

Q30. E. Program displays "800" as an output.

Q31. A. The program generates compile-time error because a final class cannot be inherited

Q32. D. The program generates compile-time error.

Q33. B. The program generates compile-time exception