Q1. C. The program compiles successfully but an exception throws at runtime after displaying "Waiting Thread".

Q2. C. The program displays "run() method…" three times.

Q3. A. When the program runs, all three threads (th1, th2, and th3) executes concurrently, taking time-sliced turns in the CPU

Q4. C. The program generates exception at runtime

Q5. A. The program executes and will never end

Q6. A.   wait() D.   join()   H.   sleep()

Q7. A. Program result in dead lock situation

Q8. B. Program displays a number greater than or equal to 0.

Q9. D.   None of the above

Q10. A. Program generates compilation error at //1

B. Program generates compilation error at //2

Q11. C. The program will display Hello Hello Java as output

Q12. A. The program displays Hello followed by Hello with a pause of 1500 miliseconds.

Q13. B. Program will execute in an infinite loop and display T1 and T2 depending on their time slice.

Q14. A. The program will display Hello Hello as output.

Q15. C. The program displays 1 followed by runtime exception.

Q16. A. The program will display Hello as output.

Q17. A. Program displays "Starting thread" 2 times and after 1 seconds, it displays "Time is up" 2 times.

Q18. A. The program compiles without error and displays My Thread as output

Q19. C. The program compiles without error and displays Thread – Active Demo, takes pause and then displays Thread – Inactive Demo.

Q20. D. It compiles without error and displays The interrupt() Method Invoked as output.

Q21. C. The program displays The main() method, The run() method and false as output.

Q22. D. The program compiles and executes without any error or deadlock

Q23. A. The program compiles without error but throws IllegalMonitorStateException exception on thread t2 at runtime.