

QUESTION BANK 4 ANSWERS

1. Ans :The program compiles successfully but an exception throws at runtime after displaying "Waiting Thread".
2. Ans :The program displays "run() method..." three times.
3. Ans :When the program runs, all three threads (th1, th2, and th3) executes concurrently, taking time-sliced turns in the CPU.
4. Ans :The program displays "End of thread1" followed by "End of thread2" as an output.
5. Ans : The program executes and will never end.
6. Ans : wait() join() and sleep()
7. Ans : Program result in dead lock situation.
8. Ans : Program displays a number greater than or equal to 0.
9. Ans : None of the above
10. Ans : Program generates compilation error at //1
11. Ans : The program will display Hello Hello Java as output.
12. Ans : The program displays Hello followed by Hello with a pause of 1500 miliseconds.
13. Ans : Program will execute in an infinite loop and display T1 and T2 depending on their time slice.
14. Ans : The program will display Hello Hello as output.
15. Ans : The program displays 1 followed by runtime exception.
16. Ans : The program will display Hello as output.

17.Ans:Program displays "Starting thread" 2 times and after 1 seconds, it displays "Time is up" 2 times.

18.Ans : The program compiles without error and displays My Thread as output.

19.Ans : The program compiles without error and displays Thread – Active Demo, takes pause and then displays Thread – Inactive Demo.

20.Ans :It compiles without error and displays The interrupt() Method Invoked as output.

21. Ans : The program displays The main() method, The run() method and false as output.

22.Ans : The program compiles and executes without any error or deadlock

23.Ans : The program compiles without error but throws IllegalMonitorStateException exception on thread t2 at runtime.