Hu, Juncheng

Task 1, Assignment 5

1, (B).

    Reasons: (a) Embedded Systems are for specific dedicated task, not peak performance.

        (b) not visible for user

        (d) often real-time system, not every one.

        (e) Hard real-time system are often embedded system.

2, (C)

    Reasons: A cross compiler is necessary to compile for multiple platforms on one machine.

3, (C)

    Reasons: Misra-C is a strict rules, not an extension of C.
        C allows many things. But Misra-C doesn't allow something.

        Misra-C allows part of C, which can be more easy to understand.

4, (C).

    Reasons: Model-Checking is a proof that a program/model meets its given specification.

5, (A)

    Reasons: PI controller removes steady-state error.

        PID controller 's initial change by D.

        I controller is load and time-dependant. which causes oscillation.