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 everyone.

(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 is initial charge by D.

I controller is load and time-dependent. which ~~test~~ causes oscillation.