INTEGRAL UNIVERSITY, LUCKNOW
B.TECH. V SEMESTER
AUTOMATIC CONTROL SYSTEM (IEC-504)
QUIZ-02 (2014-2015)

1. In a block diagram, the arrow head pointing towards the block indicates the _____ and the arrow head leading away from the block represents the _____.

2. A _____ adds the incoming signals.

3. An _____ node or _____ is a node with only outgoing branches. It does not have any incoming branch.

4. A _____ loop is loop consisting of a single branch.

5. _____ loops are loops which do not possess any common node.

6. Control systems are normally designed with ξ _____ 1.

7. Systems with ξ=0 are called _____ systems.

8. Systems with ξ=1 are called _____ systems.

9. A system with two open-loop poles at origin of the s-plane is called a _____ system.

10. The normalized settling time is given by _____.

Ref.: Control Systems by A. Anand Kumar, PHI