

INTEGRAL UNIVERSITY, LUCKNOW
B.TECH. V SEMESTER
AUTOMATIC CONTROL SYSTEM (IEC-504)
QUIZ-01 (2014-2015)

1. The transfer function is defined only for _____ systems.
2. The transfer function is independent of the _____ to the system.
3. The transfer function is defined as the ratio of the _____ to the _____ with the assumption that all _____ are zero.
4. The transfer function is said to be _____ if the order of the denominator polynomial is greater than that of the numerator polynomial.
5. The transfer function is said to be _____ if the order of the numerator polynomial is equal to that of the denominator polynomial.
6. The transfer function is said to be _____ if the order of the numerator polynomial is greater than that of the denominator polynomial.
7. The characteristic equation of a linear system is defined as the equation by setting the _____ of the _____ to zero.
8. The transfer function obtained by replacing s with $j\omega$ in the original transfer function is called the _____.
9. The force of sliding friction between dry surfaces is called _____ friction force.
10. Systems whose differential equations are identical are called _____ systems.