

## **GATE Instrumentation Engineering Memory Based**

Q1- 5, 6, 15, -89, 170,291

Q2- 3-4 LOM running at 2970 rpm. T-speed L from Ns to 95% Ns. Find r when TL is double

Q3- In Metal detectors what is the process happening?

A) Change in Reluctance

- B) Chage in Ele field
- C) Change in Capacitance

Q4- The prob of missing a class is 0.1. If the total Classes are 10 then find Prob that the student will not miss more than one class.

Q5- 2 wattmeter method

Total power = 90 kw

 $P.F = \sqrt{3/2}$ 

W1=?

W2=?





Q6-



