Lecture 08 Worksheet (ECON211), AY 2025-26 [Date: 31 Jul 2025]

ate is constant a	and will remain stud	ck at 5%.			years. Assume that the i
. You win a stat	e lottery worth ₹10 20 years. What is t	0,00,000, but the she present value	state will pay you to of the lottery amo	his amount in equunt? Assume that	al installments of $\ref{50,00}$ the interest rate is 6% .

3. Compute the present value of a series of deposits of ₹5000 at the end of each year in perpetuity when the interest is 8% per year.	st rate
4. Bond Prices and Yields	
a) A bond has a face value of ₹1000, is priced at ₹950, and the annual coupon amount is ₹60. What is the current	yield
b) A bond has a face value of ₹5000, is priced at ₹5500, and the annual coupon amount is ₹300. What is the cuyield?	ırrent
c) You buy a zero-coupon bond for ₹8000 which matures in 5 years. You receive ₹12000 at maturity. What is the to maturity? (assume annual compounding)	yield