Bi) briven, Forward price = \$ 2050 Sport Pericie = [1400,1500, 1560, 1600, 1800, 2050, 2300 2300, 2400 Contract 652 = 1,000 owny Comulacs Profi/ Lose = (Forward - Spot) x 1000 Price Price May - 2024 Spot price (\$) Profit / Locals (2056-1400) x103 = 6500 1400 1500 5,50,000 4.50,000 160 D 250,000 1800 0 100 2050 -150,000 2220 250,000 2300 -350,000 2 400

geature pessionistion ! A Contract to buy (an) S POT CONTRACT FEATURE CONTRACI A contract to an asset immedia buy Isen an - tely at the worten 12 asset ut a. maerkus Phice Sertine date od a agreet (1) Settlement 16 done immedials Settlement happens on the agreet date Bused on Expected (in) Basies on the current muitant Posse (Spot Pails) used for helding Osually for actual ownership and deliver or speciality How a future contract works on a Commodity exchange · Its a an agreement to buy / sen a Comment at a fixed price on a fecture docte . Thakers take potention: Long (buy) or Short · Require an initial margin and is settled daily (mark - to marked)

y

3) Rose of Commodity Exchange · G-tandaldizes Contracts Proview a trading platform and ensures and daily settlements Ensure Smooth Settlement and delivery (physical) Regulates and enforces marker integrie ty

By | Given Doption type = Ecoepram out Premium (coer of option) = \$3 3) 6f-81 1/2 Price (14) = \$ 40 4) Stock Proice today (So) = \$42 5) can be exercised only at maderiate The investor malais profit when Profit = max (16-57,0) - Primium>0 This happens when 5+ L16-Primium = 40-3-3+

) The profit when stoll price at materiaty is below \$ 34 2) Options is exercised when K-5770 => 57 LIL = \$40 when stock price is below \$ 40 3) Perofit Déagrans (40,-3) Stock price at maturity (a,y) = (57, 7mofin) ettard ham many

Stock Stock P805;+ 30 90

86/ Can prièce ic C-P = 5- 12E-TT 20-5 = 130 - 120 8 15 5 130-120ET. 120 = 7 = 130 - 15 = 115 E 8 = 115 = 0.9583 7 = 0.0426 Ans: Implied = 4.26%. p.a.
Risk Rate
free