SMFD ASSN-2.2

NAMAN - 1-32]
ASHISH - 3-34]
SHUBBAM - 5-36]

(1) SPOT PRICE (\$) P/L(\$) 1400 + 6,50,000 4550,000 1500 1360 +4,90,000 1600 44,50,000 (800 F130100 0 2050 750,000 2200 -2950,60D 2300 -350,000 2400

(2) (a) Size - Sooo bushels (b) Size - 37500 pouds

ntil bise - 45,20

closing late - \$5.80

roo, glowbruk = 1

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so profit = (5.8-5.2) × 5000 = (5300)

C) Contract Value -> SA 25 (notes pts)

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Full Bola = 7500 pouls

Finil Poia = 3800 pouls

Wo, of Condrib = 40

So, LOW = 6800-2500 Jx 750 40- [5 A 303000]

(d) Condract Size = 5 tomes Intel Poice = RMB 15000/tou Loro = (13500 -15000) Find Poil = emb 13500 pritamo y5~3 No. of Contracts 23 = (RMB 22506) (3) A spot contoact is an agreement to by on sell a commodify immediately of the correct market porce · A futures contract is an agreement to buy on sall the commodity at a field price on a future date. D Fidure contacts on standardized and toaded on commodity exchanges. The exchange sets wheney termo (quantity response); asues dothy seldonif and was a <u>dearny house</u> to reduce affault side. D Commo Dos or dung handle delving riles; his most filtuer are selled light expiry. They allow healthy and specialism.

AM 4 (9) shike price = 190 built European put option for 13 to make profit in put option priofit = maz (16- 37,0) K= 40, ST: Stock price at motwity considering option cost for \$3, the Investor make not profit oney is max (K-5710) >37 ST < 37 so to make profit stock price at maturalty should be below \$37. (b) A put option or is only exercises if K-S170 = ST < 96 if it's more than go than there's no point exercising it because stock prix is now trading a nighel price. so buts to face a roul of \$3 ones. (C) 30 break even (Profit =0) 90. 37 (stock price at

matwrity)

and sel st be the price of undouging and at materity and F be the forward price agreed upon at the stood of the contract. own - . when when k (aplke barice) = t -TI Time of mortwisty . Payoff from long forward contract - norward pay off = ST-F · Payoff from Long Europe an Pul Put payoff: mox [F-51,0) Total payoff: (51-F)+ max (F- 57,0) ib SIZF total payoff = ST-F 108 STCF +0+01 = ST-F+F-ST = 0 which was total payoff = Max (3T-fio) which is exactly the payoff of a European coul option with stike: F and matwity T.

Price of cast option (p) = \$5 Current stock price: \$130 K: stike price = \$120 Time to maturity (T): 14 eas