- Q.1 A. What are the three main features of options?
 - B. What are the three differences between convertibles and warrants?

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Q.2 Consider the following data:

S = 60	u = 1-4	d = 0.8
E= 50	r = 0.12	R = 1.12

What is the value of the call option?

- Q.3 Mr. Ajmal is bearish on the stock of ABC Ltd. Therefore he purchases 5 put option contracts on ABC shares at a premium of Rs.3. The exercise price is Rs. 41 and it has a maturity period of 3 months. The market price of the stock is Rs. 40. If Mr. Ajmal is correct and ABC's share price falls to Rs.30, how much profit he will earn over 3-month?
- Q.4 A. What is meant by the term structure of interest rates? B. What is a yield curve? C. What does the unbiased (pure) expectations theory suggest about the shape of the yield curve?
- Q.5 "The Black-Scholes model is used by traders as an interpolation tool". Discuss this view.
- Q.6. Explain the no-arbitrage and risk neutral valuation approaches, to value a European option using a one-step binomial tree.