3 1 AUG 2020

: નોંધ : B. B. A. Sem- 6 Sub code: 20944

૧. દરેક પ્રશ્નનો [a] અથવા [a(i)] અને [a(ii)] જ લખવાના રહેશે.

૨. પ્રશ્ન : ૧[a] અથવા ૧[a(i)] અને ૧[a(ii)] તથા ૨[a] અથવા ૨[a(i)] અને ૨[a(ii)] ના 14 માર્કસ ના બદલે ૧૮ માર્કસ રહેશે.

૩. પ્રશ્ન : ૩[a] અથવા ૩[a(i)] અને ૩[a(ii)] તથા ૪[a] અથવા ૪[a(i)] અને ૪[a(ii)] ના 14 માર્કસ ના બદલે ૧૭ માર્કસ રહેશે.

૪. દરેક પ્રશ્નનો પ્રશ્ન નં ૧(b), પ્રશ્ન નં ૨(b), પ્રશ્ન નં ૩(b) તથા પ્રશ્ન નં ૪(b) (ટુંકા પ્રશ્નો) વિદ્યાર્થીએ લખવાના નથી.

Q.1. Write down the important features of derivatives & give there classification in detail. OR **14**

Q.1.A.
I. Write a short note on early delivery extension and cancelation of forward contracts. **7**
II. Differentiate between forward and future contracts **7**

Q.1.B. Attempt any Four: **4**
a) What do you understand by closing out position?
b) What is Stock Index future?
c) Define Hedging.
d) Define Hedge Ratio.
e) What is Commodity Future
f) Give any two functions of clearing House.

Q.2. Explain spread and combination in option trading strategy. OR **14**

Q.2. A.
I. What is option contract? Explain factors affecting option contract. **7-7**
II. Explain Black Schole Model

Q.2.B. Attempt any Four **4**
a) What is Strike price
b) Define Exercise price
c) What is ITM –OTM –ATM
d) What is commodity future?
e) Define cost of carry.
f) What is European Call

Q.3. Explain Naked & Covered position in option trading strategy. OR **14**

Q.3.A.
I. Explain Portfolio Insurance **7-7**
II. Describe Embedded bond Option

Q.3.B. Attempt any Three **3**
a) What is currency option
b) Define Index option
c) What do you understand by Caps
d) What is Collars
e) What is Plain Vanilla Swap

Q.4. Explain Greek letters in detail OR **14**

Q.4.A.
I. Explain Interest Rate Swap, Currency Swap &Cross currency Swap. **7-7**
II. Explain types of Exotic Option.

Q.4.B. Attempt any three.
a) What is Markov Property? **3**
b) What do you understand Wiener Process
c) What is Stochastic Process
d) Define ITO's Lemma Theory
e) What is Spot price?