

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
(For candidates admitted from the academic year 2004-05 & thereafter)

**SUBJECT CODE: VC/AC/FP43**

**B. Sc. DEGREE EXAMINATION, APRIL 2009**  
**BRANCH V (A) PLANT BIOLOGY AND PLANT BIOTECHNOLOGY**  
**BRANCH VI(A) – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**  
**FOURTH SEMESTER**

**COURSE : ALLIED – CORE**  
**PAPER : FOOD PACKAGING & POST HARVEST TECHNOLOGY**  
**TIME : 3 HOURS** **MAX. MARKS: 100**

**SECTION – A**

**ANSWER ALL QUESTIONS IN 50 WORDS: (10 x 3 = 30)**

1. LDPE
2. EVA
3. Shelf life
4. Citric acid
5. Hazard Analysis
6. Flavoring agent
7. Fermentation
8. TVP
9. Cold sterilization
10. Candling

**SECTION - B**

**ANSWER ANY FIVE IN 300 WORDS EACH: ( 5 x 6 =30 )**

1. Give a brief account on packaging materials for Dairy products.
2. Comment on quality testing of packaging.
3. Explain the various chemical changes that takes place in food.
4. Write notes on flexible lamination.
5. What is Tetrapak? Give its applications
6. Explain the colour, flavour & odour of food.
7. Give the classification of Corrugated Fiber Board (CFB)

**SECTION - C**

**VI ANSWER ANY TWO IN 1000 WORDS EACH: ( 2 x 20 =40 )**

8. Explain the various methods of processing of milk & milk products.
9. Write notes on a) Fortification b) Extruded foods.
10. Explain the usage of ionizing radiation in food processing.
11. How will you ensure quality control:  
a) Raw material b) Manufacturing process.

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