

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2008-09 & thereafter)

SUBJECT CODE: VC/AC/FP44

B. Sc. DEGREE EXAMINATION, APRIL 2011
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: (10 X 3 = 30)

1. Expand the following:

BOPP

HDPE

EVA

2. Parboiling.

3. Bursting test.

4. Thermal death time.

5. Polyolefins.

6. PET.

7. HTST.

8. Pasteurisation.

9. Curing.

10. Canning.

SECTION – B

ANSWER ANY FIVE QUESTIONS IN 300 WORDS: (5 X 6 = 30)

11. What are the functions of packaging?

12. Comment on the components and classification of corrugated fiber.

13. Give a brief account on the properties of packaging material for Bakery products.

14. Write a brief account on extruded foods.

15. Write short notes on the sources, dosage and method followed for using radiation in food processing.
16. Suggest packaging procedure required for spices.
17. Explain briefly the various tests conducted to test the quality of packaging.

SECTION – C

ANSWER ANY TWO QUESTIONS IN 1000 WORDS:

(2 X 20 = 40)

18. Give a detailed account on flexible laminates, their characteristics and uses.
19. Explain in detail the application of tetrapak in food packaging.
20. Bring out the salient features in packing for meat, fish and sea food.
21. Write short notes on:
 - a. Processing of egg
 - b. Testing and certifying finished product.
