

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2010 – 2011)

SUBJECT CODE: ZL/ME/FS24

B. Sc. DEGREE EXAMINATION, APRIL 2011

BRANCH VI.A. – ADVANCED ZOOLOGY AND BIOTECHNOLOGY
SECOND SEMESTER

COURSE : MAJOR –ELECTIVE
PAPER : FUNDAMENTALS OF FOOD SCIENCE
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION – A

ANSWER ALL QUESTIONS:

(10 X 3 = 30)

1. Draw graph (only) of the growth curve of bacteria.
2. Composite films.
3. Malnutrition.
4. Tensile strength.
5. Food labeling.
6. BMR.
7. BOAA test.
8. Formulae for Shelf life.
9. Putrefaction.
10. Food hygiene.

SECTION – B

ANSWER ANY FIVE QUESTIONS:

(5 X 6 = 30)

11. List the functions of packaging.
12. Give the classification of corrugated fibre.
13. Comment on naturally occurring food toxicants.
14. Write notes on sensory evaluation.
15. Bring out the role of minerals and vitamins in fortification.
16. Write on the sources of contamination and spoilage in fruits.
17. Give the classification of CFB.

SECTION – C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

18. Write an essay on fortification of food.
19. What personal hygiene should a food handler observe, while handling and preparing food?
20. What are the tests conducted to check quality in packaging?
21. How is adulteration detected in Food grains, Dhal, Oil and Spices?
