

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2016-17& thereafter)

SUBJECT CODE: 16VF/VM/CN56

B.Voc. DEGREE EXAMINATION, NOVEMBER 2021
FOOD PROCESSING AND QUALITY CONTROL.

COURSE : MAJOR CORE
PAPER : COMMUNITY NUTRITION AND FORTIFICATION OF FOODS
TIME : 3 HOURS **MAX. MARKS: 100**
SECTION – A **(20 Marks)**

I. Choose the correct answer: (10 x 1=10)

1. Haemoglobin levels for severe Anemia among children aged 12-14 years? (Hb/100 ml blood)
a) Less than 6 gm b) Less than 7 gm c) Less than 8 gm d) Less than 9 gm
2. Which Vitamin enhances the absorption of Iron in body?
a) Vitamin A b) Vitamin B c) Vitamin C d) Vitamin K
3. As per the primary Goal of Poshan Abhiyaan, Reduction rate in the prevalence of anemia among Women and Adolescent Girls in the age group of 15-49 years is targeted
a) 1% b) 2% c) 3% d) 4%
4. How many doses of vitamin A supplement are to be given to 9 months to 5 years of children?
a) 5 b) 2 c) 9 d) 1
5. What is the permissible level of Iodine in edible salt at consumption level?
a) 15 ppm or more b) 25 ppm c) 30 ppm or more d) 20 ppm

II. Fill in the Blanks:

6. Malnutrition constitutes of both _____ and _____ nutrition.
7. Census data is collected every _____ years.
8. Maternal mortality rate is _____ per year.
9. The beneficiaries of PMMVY scheme under ICDS is _____.
10. In Chennai each corporation zone is further divided into _____.

III. Answer the following (5 X 2 = 10)

11. What are fortificants?
12. Explain iron rich diet? Give examples?
13. What is oedema?
14. What does national food security mean?
15. Abbreviate ICDS and CFTRI?

SECTION – B

Answer any TWO questions.

(15x2=30)

16. Explain NNAPP? Who are the beneficiaries?
17. Describe the etiology of malnutrition?
18. Write notes on need for iron and vitamin A fortification?
19. Write in brief about types and importance of weaning food?

SECTION – C

Answer any TWO questions

(25x2=50)

20. Enumerate on the various records and data that can be used to collect demographic and other health details of a particular population?
21. What are essential characteristics of the food vehicle required for fortification? Explain why iodine fortification became essential?
22. Explain the various direct methods of nutritional assessment?
23. What is protein-energy malnutrition? Write the types of PEM?
