

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2021**

Family and Community Science

FCN 2C 02—FUNDAMENTALS OF NUTRITION

Time : Two Hours

Maximum : 60 Marks

Section A

*Answer at least **eight** questions.*

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. Thin concave nails with raised edges in iron deficiency anemia is called as _____.
2. Severe Iodine deficiency in Intrauterine life can lead to _____.
3. The form of carotenoid which is better absorbed than other carotenes is _____.
4. The vitamin also termed as Koagulation Vitamin.
5. _____ is the cerebral form of thiamin Deficiency.
6. Vitamin which is used to produce Coenzymes.
7. _____ is an aurolingual manifestation of ribflavi deficiency.
8. 1 Niacin Equivalent is equal to _____.
9. Germinated legumes are rich in _____.
10. Who is the father of Science and Nutrition ?
11. _____ is a disaccharide known as Mushroom sugar.
12. _____ is an inborn error of Fe metabolism.

(8 × 3 = 24 marks)

Turn over

Section B

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. What are the types of Beriberii ?
14. What are the factors affecting iron absorption ?
15. What are the 3 D's of pellagra ?
16. Discuss the functions of proteins.
17. What is fluorosis ? Discuss on the clinical signs and symptoms.
18. Elucidate the digestion and absorption of lipids in the human body.
19. Differentiate between reference man and reference women.

(5 × 5 = 25 marks)

Section C

Answer any one question.

The question carries 11 marks.

20. Explain the determination of energy value of food and differentiate between physiological fuel value and gross fuel value.
21. Discuss iron under the following heads : (a) Functions ; (b) Sources ; and (c) Deficiency.

(1 × 11 = 11 marks)

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Family and Community Science

FCS 2B 02—HUMAN DEVELOPMENT

Time : Two Hours

Maximum : 60 Marks

Section A

Answer at least eight questions.

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. What is Anthropometry ?
2. What is Animism ?
3. What is Meconium ?
4. What is Haemorrhoid ?
5. Define temper tantrums.
6. What are pre-speech forms ?
7. What do you mean by physical development ?
8. Define Weaning.
9. Define Emotion.
10. Differentiate between joy and elation.
11. What is ego centrism ?
12. Define Decentration.

(8 × 3 = 24 marks)

Turn over

Section B

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. What are the substages of sensory motor stage.
14. Trace the language development during infancy.
15. List the objectives of preschool education.
16. How are emotions classified ?
17. Brief on the developmental tasks of early childhood stage.
18. What are the methods of learning moral behaviour ?
19. Discuss about the methods of handling behaviour problems.

(5 × 5 = 25 marks)

Section C (Essay Questions)

Answer any one question.

The question carries 11 marks.

20. Give an account of the emotional and language development of infants.
21. Brief on the common forms of social behaviour seen during early childhood.

(1 × 11 = 11 marks)