

2023
B.A./B.Sc.
Fourth Semester
GENERIC ELECTIVE – 4
ZOOLOGY
Course Code: ZOG 4.11
(Food, Nutrition & Health)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Explain in detail the various food patterns and nutritional needs for newborns, children, and adults. 14
2. Write a note on the following: 7×2=14
 - (a) Food components and food-nutrients
 - (b) Concept of a balanced diet

UNIT-II

3. Give the classification and discuss the different sources of protein and their critical nutrient functions. 8+4+2=14
4. (a) Write a note on vitamin B complex. 7
(b) State the important biological function of iron and iodine in human. 7

UNIT-III

5. Define health. Discuss the causes, symptoms, treatment, and prevention of vitamin A deficiency disorders. 2+12=14
6. Write a note on kwashiorkor and marasmus disease. 7+7=14

UNIT-IV

7. Explain in detail the causes and prevention of hypertension. Add a note on diabetes mellitus. 8+6=14
8. Describe the causes and methods of treating fevers and the common cold. 7+7=14

UNIT-V

9. Explain the causes, general mode of transmission, symptoms, and prevention of poliomyelitis. 14
10. Write a note on the following: 7×2=14
- (a) Ascariasis
 - (b) Amoebiasis
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