

SAMPLE EXAM QUESTIONS: BCH-282

1. Deficiency of calcium can cause:
 - A. Renal stone
 - B. Polyuria
 - C. Tetany
 - D. Diabetes

2. Transferrin is a binding protein for:
 - A. Calcium
 - B. Magnesium
 - C. Potassium
 - D. Iron

3. The disease beriberi is caused by the deficiency of:
 - A. Thiamine
 - B. Niacin
 - C. Riboflavin
 - D. Biotin

4. Which of the following is a saturated fatty acid:
 - A. Oleic acid
 - B. Palmitic acid
 - C. Linoleic acid
 - D. Linolenic acid

5. The obligatory nitrogen loss is aboutof body's protein lost per day:
 - A. 14 g
 - B. 24 g
 - C. 54 g
 - D. 84 g

6. Deficiency of vitamin D can cause hypocalcemia.

True False

7. Phosphate is involved in mineralization of bone and teeth.

True False

8. Fluorosis is caused by deficiency of fluoride.

True False

9. Ergosterol is vitamin D₃ which is present in animals.

True False

10. Vitamin E functions as an antioxidant.

True False

11. Coconut oil contains high levels of saturated fatty acids.

True False

12. Plant proteins are of high biological value than animal proteins.

True False

Fill in the blanks :

13. Deficiency of vitamin C causes the disease.....

14.andare essential fatty acids.

15. Deficiency of proteins and total calories cause.....disease in children.

Q. Calculate the fat mass and fat-free mass of a person whose body weight in air is 60 kg and in water is 1.8 kg, assuming water density = 1 kg/L and residual volume = 1.5 L.

Answer Key:

1 [C], 2 [D], 3 [A], 4 [B], 5 [B], 6 [T], 7 [T], 8 [F], 9 [F], 10 [T], 11 [T], 12 [F]