

Seat No. : _____

AH-133

April-2022

B.Sc., Sem.-VI

307 : Bio-Chemistry

(Nutrition and Diseases)

Time : 2 Hours]

[Max. Marks : 50

SECTION – I

(Answers any three)

1. (a) Explain in detail - BMI and assessment of Obesity. 7
(b) Give clinical complications of diabetes mellitus. 7
2. (a) Short note - types and aetiology of diabetes mellitus. 7
(b) Explain prevalence of diabetes and obesity -briefly. 7
3. (a) Explain - clinical features of RICKETS. 7
(b) Short note on vitamin deficiency related Anaemia. 7
4. (a) Explain - aetiology of RICKETS. 7
(b) Short note on prevalence and types of Anaemia. 7
5. Write detail note on MARASMUS. 14
6. Write detail note on KWASHIORKAR. 14
7. (a) Write 5 Food toxins and its effects. 7
(b) Write detail note on xarphthalmia. 7
8. Write detail note on scurvy. 14

SECTION – II

(Answers any 8)

8

- (1) Name gland and cells associated with diabetes in general.
 - (2) What is normal range of BMI ?
 - (3) Define - Obesity.
 - (4) Name type 1, 2 diabetes.
 - (5) Define food toxins .
 - (6) Name 2 factors responsible for women obesity.
 - (7) What is osteomalacia ?
 - (8) Name 2 deficient nutrients for causing rickets.
 - (9) Name 2 natural dietary source to prevent anaemia in general.
 - (10) What is marasmic- kwashiorkor ?
 - (11) Skin and bone appearance of body occur in which form of PEM ?
 - (12) Bitot spot is found in which disease ?
 - (13) Gingivitis is very common in which deficiency ?
 - (14) Nephropathy is commonly associated with which metabolic disorder.?
 - (15) “Pot belly” is observed in which disease of child/infant.?
 - (16) Give full name of vitamin - D.
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