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2807M090

Candidate's Seat No : _____

B.Sc. Sem.-6 Examination

CC - 307

Bio-Chemistry

July 2021

Time : 2-00 Hours]

[Max. Marks : 50

**Instructions: All Questions in Section I carry equal marks
Attempt any THREE questions in Section I
Question IX in Section II is COMPULSORY.**

Section I

- Q. I (A) Discuss the Types and Clinical features of Diabetes Mellitus. (14)
- Q. II (A) Discuss the Etiology of Obesity. (07)
(B) Explain the Treatment of Obesity. (07)
- Q. III (A) Discuss: 1) Etiology of Iron deficiency Anaemia (14)
2) Clinical features of Rickets.
- Q. IV (A) Write a brief note on Osteomalacia. (07)
(B) Briefly discuss Megaloblastic Anemias. (07)
- Q. V (A) Discuss the Clinical features and Biochemical features of Kwashiorkor. (14)
- Q. VI (A) Discuss the role of Saturated Fats, MUFA and PUFA in CHD. (07)
(B) Discuss the Etiology of Marasmus. (07)
- Q. VII (A) Discuss Etiology and Clinical features of Scurvy. (14)
- Q. VIII (A) Briefly discuss any three Natural Food Toxins and write the methods by which we can detoxify them. (07)
(B) Briefly explain the Clinical features of Xerophthalmia. (07)

Section II

- Q. IX **Answer in Short: (Any Eight)** (08)
- (A) State any one complication of Diabetes mellitus
(B) Write any two diseases which come under Metabolic syndrome.
(C) What is Obesity?
(D) How is BMI measured?
(E) What is Anemia?
(F) Why is Osteomalacia called Adult Rickets?
(G) State one Etiological feature of Rickets.

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Q.IX(contd)

- (H) What is Pernicious Anemia?
- (I) Write the full form of CHD.
- (J) Classify PEM.
- (K) State any one Clinical feature of Marasmus.
- (L) Name any two risk factors for CHD.
- (M) What causes Lathyrism?
- (N) State any one Etiological feature of Xerophthalmia.
- (O) Write one Biochemical feature of Scurvy.
- (P) Name a Fungal food toxin.
