

Sub. : Medical Nutrition Therapy (MNT) Part-I (MSC24N-212TH)

Time: 10.00 am to 12.30 pm

- 1) All questions are compulsory and carry equal marks.
- 2) Any kind of misconduct is punishable.

(10)

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- 1/2

- c) Tomato juice d) Tea
10. Which of the following supplementation should not be consumed with calcium supplementation?
- a) Vitamin D b) B-complex
- c) Iron d) Chromium

Q. 2 Answer the following questions (Any 2) (30)

1. Explain the etiology, pathophysiology and dietary management of constipation and diarrhea.
2. Explain Cirrhosis of liver, its etiology and MNT.
3. Ms. Riya, a 21-year-old college student, presents with fatigue, pallor, and poor concentration. She follows a predominantly vegetarian diet with low green leafy vegetables and legumes, consumes tea after meals, and has irregular eating habits.

Anthropometric Data:

- Height: 158 cm
- Weight: 44 kg
- BMI: 17.6 kg/m² (Underweight)

Biochemical Data:

- Hemoglobin: 8.8 g/dL (low)
- Serum Ferritin: 8 ng/mL (low)
- MCV: 68 fL (microcytic)
- Serum Iron: 35 µg/dL (low)

Tasks:

1. Design a nutritional management plan with diet modifications for one day. (No need of calculating exchange list).
2. Also, suggest lifestyle interventions.

Q. 3 Write Short Note (Any 4) (20)

1. Gluten sensitivity and its dietary management.
2. Difference between PN and EN.
3. 2 snack recipes for underweight (mention ingredients, preparation method, and nutritional significance).
4. Importance of Probiotics and Prebiotics in digestive disorders.
5. Modification of diet
6. Ascites & its dietary management