

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION MAY 2024
(Sixth Semester)

Branch – FOOD PROCESSING TECHNOLOGY

THERAPEUTIC NUTRITION

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Identify the feeding method suggested for an individual who has functioning gut and is unable to achieve adequate oral intake?
(i) Tube feeding (ii) Peripheral parenteral feeding
(iii) Total parenteral feeding (iv) Oral feeding
- 2 Indicate the nutrient deficient in the dietary intake of an infant with Protein-energy malnutrition (PEM).
(i) Calories (ii) Calories and protein
(iii) Protein (iv) Iron
- 3 Match the BMI of Grade III Obesity
(i) 30-40 (ii) 25-29.9
(iii) >40 (iv) < 25
- 4 Name the condition which results when insufficient food is eaten over an extended period?
(i) Under nutrition (ii) Imbalance
(iii) Over nutrition (iv) Optimal nutrition
- 5 Choose the example for anaerobic exercise.
(i) Jogging (ii) Weight lifting
(iii) Running (iv) Walking

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Show the foods to be avoided and included in sodium restricted diet.
OR
b Suggest types of foods that can be advocated in tube feeding.
- 7 a Develop a food supplement for iron deficiency anemia.
OR
b Outline dietary treatment for PEM.
- 8 a State the principles of dietary management in obesity.
OR
b Summarize your understanding on glycemic index of foods.
- 9 a How do you calculate BMI?
OR
b Explain 24 -hour dietary recall method.
- 10 a Inspect the energy requirements for a sports person.
OR
b Bring out a dietary supplement to maintain fitness.

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Examine the principles and objectives of diet therapy.
OR
b Analyze the routine hospital diets.
- 12 a Recommend methods to prevent and treat osteoporosis.
OR
b Outline the signs and symptoms of vitamin A deficiency.
- 13 a Discuss the principles of planning a diet for a diabetic patient.
OR
b Infer the role of food in prevention of cancer.
- 14 a Highlight the need and importance of anthropometric measurements.
OR
b Explain the biochemical indices of anemia.
- 15 a Analyze the role of carbohydrates before, after and during exercise.
OR
b Point out the guidelines for space nutrition.

Z-Z-Z

END