

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 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 infusion technique where a large feed is administered in a short time
(i) Continuous method (ii) Cyclic method
(iii) Interrupted method (iv) Bolus method
- 2 Wasting is defined as _____.
(i) Low height for age (ii) Low weight for height
(iii) Low weight for age (iv) Low weight for age and oedema
- 3 Which of the following enhances absorption of iron in the body?
(i) Citric acid (ii) Calcium
(iii) Phytate (iv) Ascorbic acid
- 4 Mid Upper Arm Circumference cut off for well-nourished is _____.
(i) < 11 (ii) 11 – 12.5
(iii) 12.5 – 13.5 (iv) > 13.5
- 5 Calorie requirement for a deep-sea explorer is _____ Kcal /Kg/Day
(i) 30 – 35 (ii) 35 - 45
(iii) 44 – 52 (iv) 55 – 65

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Describe the principles of therapeutic nutrition .
OR
b Bring out the significance of sodium restricted diet with examples.
- 7 a Analyze the causes of PEM.
OR
b Outline the signs and symptoms of vitamin A deficiency disorder.
- 8 a Classify the risk factors for cardiovascular diseases.
OR
b Explain the signs and symptoms of diabetes.
- 9 a State the objectives and significance of assessment of nutrition status.
OR
b How will you the conduct 24 hour recall dietary survey?
- 10 a Classify aerobic and anaerobic exercises with suitable examples.
OR
b Outline the different types of space foods.

Cont...

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks (5 x 6 = 30)

- 11 a Elucidate the need, methods, advantages and disadvantages of enteral nutrition.
OR
b Outline the significance of high fibre and low fibre foods.
- 12 a Discuss the causes, signs and symptoms and dietary treatment for Iron Deficiency Anemia.
OR
b How will you prevent osteoporosis?
- 13 a Outline the causes, consequences and dietary treatment for obesity.
OR
b Explain the types, causes and prevention of cancer.
- 14 a Summarize the techniques involved in the measurement of height, weight and calculation of BMI.
OR
b Classify the biochemical indices to be identified for dyslipidemia and a anemia.
- 15 a Classify the components of fitness and explain in detail.
OR
b Infer the role of water and electrolyte in the diet of a sports person and mention its requirement.

Z-Z-Z

END