

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2023
(Second Semester)

Branch – CLINICAL NUTRITION AND DIETETICS

MEDICAL DIETETICS - II

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Which one of the following is the characteristic feature of Refeeding Syndrome?
(i) Hypovitaminosis (ii) Hypoxia
(iii) Hypophosphatemia (iv) Hyperphosphatemia
- 2 Common nutritional problems associated with bacterial overgrowth in stomach and small intestines include
(i) Sensitivity to gluten
(ii) Fat malabsorption and vitamin B₁₂ deficiency
(iii) Increased absorption of bile salts and constipation
(iv) Permanent loss of digestive enzyme
- 3 Which of the following anti-obesity medication influences either energy intake or energy absorption?
(i) Sibutramine (ii) Phentermine
(iii) Phenylpropanolamine (iv) Orlistat
- 4 The general dietary needs for a patient on hemodialysis includes
(i) Increased fluid (ii) High protein to compensate for losses
(iii) Restricted calorie intake (iv) Increased phosphorus
- 5 An adequate amount of high quality protein is essential in the diet of a patient with cancer to
(i) Prevent catabolism (ii) Prevent anabolism
(iii) Stimulate hypermetabolism (iv) Meet increased energy demands

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Mention the indications for jejunostomy feeding.
OR
b Analyze on pre and post operative nutritional care.
- 7 a Differentiate between acute & chronic gastritis.
OR
b State Steatorrhea and mention its characteristics.
- 8 a Enumerate the Indications for bariatric surgery.
OR
b Briefly outline the dietary strategies for weight reduction.
- 9 a Describe the types of dialysis.
OR
b What are the Guidelines of dietary requirement in renal transplant.

Cont...

- 10 a List the impact of chemotherapy on nutritional intake.
OR
b Write briefly on severity grading of cancer.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Define Refeeding syndrome. Explain the etiology and prevention of Refeeding Syndrome.
OR
b Explain the role of micronutrients in wound healing.
- 12 a Enumerate the principles of nutritional management of Peptic ulcer and Gastric ulcer.
OR
b Explain the indications and benefits of FODMAP diet.
- 13 a Explain the pharmacological treatment for weight reduction.
OR
b Ms. V is a 43 yr old female with a height of 157 cms weighing 121 kgs, without any comorbidities. Calculate her BMI and explain the dietary approaches for weight reduction.
- 14 a Mention the characteristic feature of Nephrotic Syndrome. Write on the principles of dietary management for patients with nephrotic syndrome.
OR
b Write short notes on Early and post renal transplant nutrition management.
- 15 a State Cancer Cachexia and what are its diagnostic features?
OR
b Explain the medical nutrition therapy for cancer survivors.

Z-Z-Z

END