

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2019
(Second Semester)

Branch -CLINICAL NUTRITION & DIETETICS

NUTRITION IN CLINICAL CARE - II

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10x1 = 10)

- 1 Which one of the following is not an access site for parenteral nutrition?
(i) internal jugular vein (ii) percutaneous endoscopic gastric vein
(iii) axillary vein (iv) cephalic vein
- 2 Translocation of bacteria in a critically ill patient can
(i) be due to early enteral feeding
(ii) avoid multiple organ dysfunction syndrome
(iii) prevent sepsis
(iv) be prevented by early enteral feeding
- 3 Mostly which type of ulcer occurs due to helicobacter pylori infection.
(i) Jejunal ulcers (ii) duodenal ulcer
(iii) oesophageal ulcers (iv) gastric ulcer
- 4 Which muscle is compromised in patients with gastro esophageal reflux disease?
(i) Temporal (ii) Medial Pterygoid
(iii) Masseter (iv) Lower esophageal sphincter
- 5 Inability to metabolize fructose due to absence of aldolase B enzyme is
(i) galactose intolerance (ii) fructose intolerance
(iii) sugar intolerance (iv) carbohydrate intolerance
- 6 Over weight and obese children are at increased risk for developing.
(i) Type II diabetes (ii) Sickle cell anemia
(iii) Psoriasis (iv) anemia
- 7 Renal replacement therapy should be considered if the patient is experiencing
(i) Hyper Kalemia (ii) Metabolic acidosis
(iii) fluid overload (iv) all the above
- 8 Which dietary mineral must be limited for a person on haemodialysis?
(i) Iron (ii) Zinc
(iii) Potassium (iv) Molybdenum
- 9 Which of these factors reduces the risk for cancer of the colorectum?
(i) Vitamin C (ii) Dietary fibre
(iii) Oestrogen (iv) Alcohol
- 10 Obesity increases the risk of endometrial cancer. Which hormone is thought to mediate this effect?
(i) Testosterone (ii) oestrogen

SECTION - B (35 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 7 = 35)

- 11 a Prepare a menu and summarise the importance of post operative nutritional care.
OR
b Illustrate the benefits of Total Parenteral nutrition.
- 12 a Recommend the nutrition guidelines for the dyspepsia and hiatus hernia.
OR
b Sketch out the symptoms of constipation and explain the dietary guidelines for the condition.
- 13 a Analyse the importance of feeding for low birth weight infants and explain it with examples.
OR
b Discuss the nutritional therapy for
i) Fructose intolerance ii) Galactosemia
- 14 a Explain the types of dialysis in brief.
OR
b Determine the causes, symptoms & diet for the Nephrotic syndrome.
- 15 a Sketch out the types of Cancer.
OR
b Discuss the etiology and clinical manifestation of cancer therapy.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Plan a diet and explain the dietary guidelines for the head injury.
- 17 Explain the causes, symptoms and treatment for tropical sprue.
- 18 Enumerate the role of nutrition in genetic metabolic disorders.
- 19 Plan and justify the importance of nutritional guidelines after transplantation of renal.
- 20 Elucidate the need of nutrition therapy for cancer patients.

Z-Z-Z

END