

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION DECEMBER 2018  
(First Semester)**

Branch - **CLINICAL NUTRITION AND DIETETICS**

**NUTRITION IN CLINICAL CARE -1**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks (10 x 1 = 10)

- 1 Identify the component of nutrition care process from the following:  
(i) Medical diagnosis (ii) Nutrition diagnosis  
(iii) Surgical procedures (iv) Nursing Care
- 2 What is the use of an exchange list?  
(i) Provides a balanced diet (ii) Provides variety in a menu  
(iii) Includes all food groups (iv) Useful for specific disease condition
- 3 Name the test performed to evaluate the glycemic status for the past 3 months.  
(i) GTT (ii) Fasting blood glucose  
(iii) HbA<sub>1c</sub> (iv) Post prandial glucose level
- 4 What is the predominant cause for polycystic ovarian syndrome?  
(i) Malnutrition (ii) Obesity  
(iii) Hypercortinosis (iv) Aromatase deficiency
- 5 Which of the following is considered as nutritional anemia?  
(i) Megaloblastic anemia (ii) Sickle cell anemia  
(iii) Iron deficiency anemia (iv) Microcytic anemia
- 6 Which is an antioxidant nutrient?  
(i) Magnesium (ii) Copper  
(iii) Selenium (iv) Potassium
- 7 Name the condition in which protein is recommended in the form of BCAA.  
(i) Hepatic encephalopathy (ii) Cirrhosis  
(iii) Acute liver failure (iv) Viral hepatitis
- 8 Which nutrient is involved in Wilson's disease?  
(i) Zinc (ii) Copper  
(iii) Selenium (iv) Iron
- 9 State the condition which needs ketogenic diet.  
(i) Pulmonary disease (ii) Arthritis  
(iii) AIDS (iv) Epilepsy
- 10 Identify a food additive which causes adverse reaction.  
(i) Colouring agent (ii) MSG  
(iii) Binding agent (iv) Flavouring agent

**SECTION - B (35 Marks)**

Answer **ALL** Questions

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

- 12 a Illustrate the complications of diabetes.  
OR  
b Explain the causes and dietary management of hyper thyrodism.
- 13 a Explain cardio metabolic syndrome.  
OR  
b Recommend the nutritional therapy for anemia.
- 14 a Discuss the dietary management of acute liver disease.  
OR  
b Explain neonatal hepatitis.
- 15 a Explain the causes and management of Arthritis.  
OR  
b Discuss on nutrition in AIDS.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

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

- 16 Recommend the dietary management for diabetes.
- 17 Enumerate on the nutritional intervention, monitoring and evaluation of patient care.
- 18 Elucidate on the dietary management of coronary heart disease.
- 19 Enumerate on the nutritional concerns in pre and post liver transplant patient.
- 20 Critically analyse the nutrition management for chronic obstruction of pulmonary disease.

Z-Z-Z

END