

**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 (10x1 = 10)

- 1 Identify the component of nutrition care process from die 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 <sup>1c</sup>	(iv) Post prandial glucose level
  
- 4 What is the predominant cause for polycystic ovarian syndrome?
 

(i) Malnutrition	(ii) Obesity
(iii) Hypercortinosis	(iv) Airtaminosis
  
- 5 Which of the following is considered as nqn 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 (5x7 = 35)

- 11 a Sketch out the role of a dietitian in a community.

- 12 a Illustrate the complications of diabetes.  
OR  
b Explain the causes and dietary management of hyper thyroidism.
- 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