

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2024  
(Fourth Semester)

Branch – CLINICAL NUTRITION AND DIETETICS

PAEDIATRIC DIETETICS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Select the nutrient that is necessary for normal brain development in infants.  
(i) Iron (ii) Zinc  
(iii) Iodine (iv) Vitamin - D
- 2 Which disorder involves weight fluctuations?  
(i) Anorexia Nervosa (ii) Bulimia Nervosa  
(iii) Binge - Eating (iv) Picky - Eating
- 3 What is the most common carbohydrate used for TPN?  
(i) Fructose (ii) Lactose  
(iii) Dextrose (iv) Invert sugar
- 4 Which of the following is an inherited disorder that increases the level of a substance called phenylalanine in the blood?  
(i) Tay - Sachs disease (ii) Cystic fibrosis  
(iii) Phenylketonuria (iv) Turner's syndrome
- 5 Which is the most common treatment for epilepsy?  
(i) Surgery (ii) Special diet  
(iii) Medication (iv) An implanted electrical device

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Explain the nutritional needs for Preterm infants.  
OR  
b Give the guidelines for complementary feeding.
- 7 a Explain a brief note on physical growth and development of Adolescents.  
OR  
b Discuss the normal psychosocial development among children.
- 8 a Analyze the importance and need of parental feeding.  
OR  
b State the causes and nutritional management for the children suffered from dental caries.
- 9 a Illustrate the nutritional considerations of phenylketonuria.  
OR  
b Discuss about cerebral palsy.
- 10 a Discuss the impact on growth and management.  
OR  
b Explain about Celiac disease.

Cont...

**SECTION -C (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a Determine the feeding problems for pre-term infants.  
OR  
b Suggest the prelacteal feeding and its relationship with exclusive breastfeeding.
- 12 a Explain the eating behavior among children.  
OR  
b Illustrate health and eating related behaviors during adolescent.
- 13 a Explain the assessment tools used for anthropometric measurements by age group.  
OR  
b Analyse the nutritional problems of children suffered from under nutrition.
- 14 a Determine the role of nutrition in genetic metabolic disorders.  
OR  
b Explain the Autism spectrum disorders.
- 15 a Describe the dietary management of hyperglycemia.  
OR  
b Analyse the different dietary approaches for epilepsy.

Z-Z-Z

END