

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2018
(Third Semester)

Branch - **CLINICAL NUTRITION AND DIETETICS**

NUTRACEUTICALS & DRUG INTERACTIONS

Time: Three Hours

Maximum: 75 Marks

SECTION -A (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks (5 x 6 = 30)

- 1 a Differentiate Nutraceuticals, functional foods and drugs with suitable examples.
OR
b Enumerate the approval process of Nutraceuticals in India and abroad.
- 2 a State the effects of specific foods on drug metabolism.
OR
b Explain the dietary supplements interaction with nutrients.
- 3 a Comment on hormone related drugs on nutritional status of the patient.
OR
b Explain the hypoglycemic drugs and insulin on nutritional status of the diabetic patients.
- 4 a How drug nutrient interaction happens in organ transplantation?
OR
b How antibiotics interacts with the nutrients? - Explain.
- 5 a Enumerate the vital role of elemental and hydrolyzed diet.
OR
b How drug interact with nutrient in the parenteral nutritional support?

SECTION -B (45 Marks)

Answer any **THREE** questions

ALL questions carry **EQUAL** Marks (3 x 15 = 45)

- 6 Write the classifications of nutraceuticals in detail.
- 7 Highlight on 'Drug Nutrient Interaction'.
- 8 Elaborate the effect of cardiac drugs on the nutritional status of the cardiac patients.
- 9 Explain the interactions of drug and nutrients in different types of cancer patients.
- 10 State the role of common types of 'probiotics' in special nutritional support.