

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2018  
(Second Semester)

Branch –FOODS AND NUTRITION

**NUTRITION & ENVIRONMENTAL HEALTH**

Time: Three Hours

Maximum: 75 Marks

**SECTION -A (30 Marks)**

Answer ALL questions

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

- 1 a What do you know about food web?  
OR
- b Write the mechanism of teratogenesis.
- 2 a Discuss cyanogens and solanin.  
OR
- b Give an account on ethyl alcohol of monosodium glutamate.
- 3 a Explain the health aspects of ground water pollution.  
OR
- b How foods are contaminated by packaging materials?
- 4 a What are the sources of algal toxins and write its toxicity?  
OR
- b Describe the safe level of food additives.
- 5 a Give the characteristics of marijuana & barbiturates.  
OR
- b Solid wastes are disposed by recycling process – Justify it.

**SECTION -B (45 Marks)**

Answer any THREE questions

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

- 6 Define Dose and enumerate dose effect and dose response.
- 7 Give an account on edible oil toxin.
- 8 Bring out the problems of water pollution.
- 9 Elaborate on biological effects of radio active nuclides.
- 10 Summarize the sources and toxic effects of polychlorinated biphenyls and poly brominated biphenyls.

Z-Z-Z

END