

SRI PADMAVATI MAHILA VISVAVIDYALAYAM: TIRUPATI
(WOMEN'S UNIVERSITY)

M.Phil. / Ph.D. ENTRANCE TEST - SEPTEMBER, 2012
DEPARTMENT OF HOME SCIENCE
FOOD & NUTRITION SCIENCES

Time: 3 hours

Max.marks:100

Answer any **Five** questions
All questions carry equal marks

(5X20=100)

1. List thrust areas in your subject; develop research proposals for any one area.
2. Illustrate the need of water in growth and development of human being.
3. Explain the role of Ca in metabolism of proximate principles.
4. Discuss different food processing techniques involved in novel proteins.
5. List high energy compounds. Explain the role of high energy compound in biochemical energetic.
6. Explain in detail about determination of iron from green leafy vegetables.
(or)
Explain energy and nutrient cycles in our environment
(or)
Explain the role of dietitian in control of non communicable diseases.
7. Explain different aspects of sensory evaluation of new protein rich product.
(or)
Identify supporting system available to improve vitamin A status in preschool children through participatory appraisal
(or)
Discuss dietary management for 40 yr old liver cirrhosis men.
8. List food born diseases and explain risk factors associated food borne illness.
(or)
Explain prevalence of HIV/AIDS in India and explain different stages of HIV/AIDS.
(or)
Plan a nutritional care process for childhood obesity.