

**COURSE CODE - 6031601**

**M. PHIL DEGREE EXAMINATION - JAN 2009**

**M. PHIL (HOME SCIENCE)**

**ADVANCED PAPER IN FOOD AND NUTRITION**

**(For Candidate Admitted from Calendar 2007 On wards)**

**Time: 3 Hours**

**Max.Marks:100**

**Section - A**

**Answer ALL the Questions:**

**10 X 3 =30**

1. What is par boiling?
2. Explain the process of germination?
3. What are called toxic substance?
4. Explain about the nutritive value?
5. What are called pigments?
6. What is a fiber?
7. Explain the term NPV.
8. List out some fat soluble vitamins?
9. What do you mean by portion size?
10. Define motel?

**Section - B**

**Answer any FIVE Questions:**

**5 X 6 = 30**

11. Write about the food classification based on the nutrients?
12. What factor affect the vegetable pigment during cooking?
13. How are lipids classified?

14. List out the sources of essential mineral for the human body?
15. What are the different types catering establishments?
16. Explain about the process of menu planning and its importance?
17. Explain the role of dietitian in managing a hospital?
18. Describe about oral & Tube feeding?

**Section - C**

**Answer any TWO Questions:**

**2 X 20 =40**

19. Write about the classification and selection criteria of fish?
20. Give short notes on
  - a. Need for therapeutic diet
  - b. Types of hospital diet
  - c. Types of feeding
  - d. Disease of kidney.
21. Write about the common nutritional problem in India?