

COURSE CODE - 6090801

M.PHIL DEGREE EXAMINATION - JAN 2009

M.PHIL (FOOD & NUTRITION)

ADVANCED PAPER IN FOOD SCIENCE AND NUTRITION

(For Candidate Admitted from Calendar 2007 Onwards)

Time: 3Hours

Max.Marks:100

Section - A

Answer ALL the Questions:

10 X 3 = 30

1. What is gelatinization?
2. Explain about retro gradation?
3. Give few examples for cereals. And give the importance in diet?
4. List out the toxins found in pluses?
5. What are the sources of sugar?
6. Explain about the browning reaction?
7. What is tanning?
8. What is called as pigment?
9. Explain about the presence of pectin in its role in diet?
10. What is adolescent pregnancy?

Section - B

Answer any FIVE Questions:

5 X 6 = 30

11. What are the factors influencing the cooking quality?
12. Write about the stages of sugar cookery?
13. How fruits can be classified?
14. Explain about the cuts of meat?
15. Write about the selection criteria for fish?
16. Why weight id gained during pregnancy?
17. What are the problems of breast feeding?
18. Discuss about the relationship between nutrition and the work efficiency?

Section - C

Answer any TWO Questions:

2 X 20 = 40

19. Write about the classification beverages giving five examples for each category?
20. Give short note on
 - a. Postmortem changes
 - b. Physiological change during lactation
 - c. Malnutrition
 - d. Bulimia
21. Explain about supplementary feeding and its importance.