

TM153425B

Reg. No:.....

Name:.....

M. Sc. DEGREE (C.S.S.) EXAMINATION, APRIL 2017
(Supplementary – 2015 Admission)
SEMESTER III - HOME SCIENCE (FOOD SCIENCE AND NUTRITION)
CD3C14TM – NUTRITION THROUGH LIFE CYCLE

Time: Three Hours

Maximum Marks: 75

PART A

I. Answer any five questions. Each question carries 3 marks

1. RDA of dietary fibre for adults
2. PICA
3. Techniques of breast feeding
4. Beikost
5. Malnutrition and mental development
6. Indications of good nutrition in school age child
7. Health hazards at high altitude

(5x3=15)

PART B

II. Answer any six questions. Each question carries 5 marks

8. Discuss the factors affecting energy expenditure and requirement
9. What are the principles of planning diet for a woman with gestational diabetes?
10. Explain the contraindications of breast feeding and the need for milk banking
11. Give an account of nutritional requirements of preterm and low birth weight infants
12. Justify the nutritional requirement of thiamine for boys and girls
13. Discuss the determinants of nutrient requirements
14. Discuss the nutritional requirements in cold environment
15. Give an account of normal development in adolescents
16. Explain the nutritional requirements and dietary modifications in the diet of elderly

(6x5=30)

PART C

II. Answer any two questions. Each question carries 15 marks

17. Outline principles of computation of RDA for energy requirements of Indians
18. Discuss the complications in pregnancy and the effect of maternal undernutrition on child's health
19. Justify the nutrient requirements of iron for school going boys and girls
20. Discuss the types of space foods and nutrient alterations in space

(2x15=30)

