

K-7/2110

Time: 3 hrs.

MATERNAL AND CHILD NUTRITION  
Paper - III

7432/N

M.M. 54

Note: The candidates are required to attempt two questions each from Sections A and B carrying 8 marks each and the entire Section C consisting of 11 short answer type questions carrying 2 marks each.

SECTION. A

- I. Discuss in brief the Physiological and Biochemical changes during pregnancy. 8
- II. Explain the effect of dietary intake and food supplementation on foetal outcome during pregnancy. 8
- III. Describe the physiological changes during lactation and role of hormones during lactation 8
- IV. Why Breast milk is best for the baby. What do you understand by code on breastfeeding? 8

SECTION. B

- V. Give importance of weaning. What factors should be considered while preparing and introducing different foods. 8
- VI. Enlist the various maternal and child health programs in India. Explain any two of them. 8
- VII. Explain the concept of GOBI for improving the nutritional status of children. 8
- VIII. Write notes on :
  - a. Feeding of premature and immature babies
  - b. Role of Mid-day Meal Programme in improving the nutritional status of children 4+4

SECTION. C

- IX. Write short answers:
  - a. Functions of placenta
  - b. Infant Mortality Rate
  - c. Organogenesis
  - d. Advantages of Colostrum
  - e. Nutritional requirements during lactation
  - f. Mineral requirements during pregnancy
  - g. Objectives of ICDS
  - h. Management of anemia during pregnancy
  - i. Universal Immunization Programme
  - j. Supplementary foods for babies
  - k. Weight gain during pregnancy. 11x2 =22