

CSM – 36/21
Home Science
Paper – I

Time : 3 hours

Full Marks : 300

The figures in the right-hand margin indicate marks.

*Candidates should attempt Q. No. 1 from
Section – A and Q. No. 5 from Section – B
which are compulsory and any **three** of
the remaining questions, selecting
at least **one** from each Section.*

SECTION – A

1. Answer any **three** questions of the following :

20×3 = 60

- (a) Describe the importance, nutritional value and composition of pulses, milk and milk products and fleshy foods. 20
- (b) Explain sources, functions, requirements and deficiency of Vitamin C and Vitamin A. 20

- (c) Why it is essential to modify normal diet therapeutically ? Discuss the dietary management of atherosclerosis. 20
- (d) Write about National Nutrition Policy, its significance with suitable examples. 20
2. (a) Explain classification, sources, functions and requirements of roughage and fats including fatty acids. 30
- (b) Write about therapeutic adoption of normal diet and its importance. 30
3. (a) What is the effect of malnutrition on national development ? What is the role of government and non-government organizations in combating malnutrition ? 40
- (b) Explain digestion, absorption and metabolism of protein. 20
4. (a) What are the causes of food spoilage and contamination ? Describe the common adulterants used in foods, their classification, health hazards and methods of detection. 40

- (b) Define Basal Metabolic Rate. What are the factors affecting BMR ? How BMR is measured ?

SECTION – B

5. Answer any **three** sub-questions from those given below :
- (a) Discuss the factors affecting pre-natal growth and development. 20
 - (b) Explain the physical and motor development of children below five years. 20
 - (c) Write the meaning and classification of exceptional children. 20
 - (d) Explain the management of different family problems faced by employed women. 20
6. (a) Explain, in detail, the role of family, school, community and mass media in speech and social development of children less than 5 years. 40
- (b) Give a detailed picture of hormonal changes and associated developmental changes of adolescents of both gender. 20

7. (a) Discuss the management and care of Gifted, Mentally and Physically Challenged and Impaired Children. 40
- (b) Explain the role of genetic and environmental factors affecting pre-natal growth and development. 20
8. (a) Describe significance, stages and developmental tasks and problems associated with preschool and school age stages of human life. 30
- (b) Explain the effect of marital and financial problems, sickness, dowry and divorce on women. 30

