

No. of Printed Pages : 2

CS-108/06
HOME SCIENCE
Paper-I

Time : 3 Hours]

[Full Marks : 300

- Note :** (1) Candidates should attempt Question No. 1 from Section-A and Question No. 5 from Section-B which are compulsory, and **any three** of the remaining questions, selecting at least one from each Section.
- (2) **All** questions carry equal marks.

SECTION – A

1. Answer any **three** of the following :
 - (a) Explain the classification, sources, function, requirement & deficiencies of carbohydrates. 20
 - (b) Discuss in detail various causes of food spoilage and food contamination. 20
 - (c) Explain the causes, symptoms & principles of dietary management of Atherosclerosis. 20
 - (d) Write an account on causes & effect of malnutrition on the vulnerable sections of the society. 20
2. (a) Describe in detail the common adulterants used in foods with the associated health hazards and discuss the role of various agencies in controlling the food quality in India. 40
(b) Explain the factors to be considered in planning therapeutic diets & dietary management of peptic ulcer. 20
3. (a) Write a detailed account on digestion, absorption & metabolism of Proteins, Fats & Carbohydrates. 40
(b) Define BMR and explain the total energy requirement of Indians & factors affecting their requirement. 20
4. (a) Discuss in detail about the National Nutrition Policies & programs operational in India & explain the role of ICDS, NNMB & UNICEF in combating malnutrition. 40
(b) Explain the importance, composition & nutritive value of pulses, fleshy foods, milk, milk products. 20

SECTION – B

5. Attempt any **three** sub-questions from those given below :
- (a)– Elaborate in detail the factors contributing towards the development of a human baby. 20
 - (b) “Parents are the first socializing agent of children.” Express your views on the statement stating suitable examples to support your argument. 20
 - (c) Young children of today speak better than young children of past generation. What are the reasons behind the improvement ? 20
 - (d) How exceptional children are identified ? Brief on management and care of mentally challenged children. 10 + 10
6. Write in detail Piaget’s stages of cognitive development. Mention your views about how children learn supporting it with appropriate activities. 20 + 40
7. Expand the following topics in detail :
- (a) Contemporary family problems : Significance of counselling in resolving marital problems at various stages of family life cycle. 20
 - (b) Development of emotions from birth – 5 years. 20
 - (c) Development as a process of interaction between heredity and environment. Explain it with support of research evidence. 20
8. Adolescents confront many conflicts with reference to socio-cultural changes taking place. Describe in detail the conflicts. Enumerate its impact on their personality development and family relationship. 20 + 40
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