

CS-109/06
HOME SCIENCE
Paper-II

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) Trace the time and energy demands during the stages of the family life cycle. **20**
 - (b) Emphasise the application of work simplification techniques to alleviate the time and energy costs of household chores, citing appropriate examples. **20**
 - (c) Outline the significant savings and investment plans available for a family. **20**
 - (d) Give an account of the description, advantages and disadvantages of the various types of building materials available in the market for house construction. **20**
2. Bring out the broad principles of Interior Design while incorporating the components of furniture, window and wall treatments, floor coverings and lighting. **60**
3. (i) In order to be an efficient consumer, a basic understanding of the properties of textile fibres is needed. Justify the statement. **20**
- (ii) Comment on the following : (any three) **6 × 3 = 18**
 - (a) Wardrobe planning - its importance in family clothing.
 - (b) Blended and novelty yarns.
 - (c) Textural and functional finishes.
 - (d) Indigenous dyes-its popularity in recent years.
- (iii) Explain briefly : **10 + 12 = 22**
 - (a) Different techniques of fabric construction.
 - (b) Hand printing methods commonly used in fabric enrichment.

4. (i) Discuss briefly the following : 10 + 12 = 22
- (a) Classification of textile fibres based on their sources.
 - (b) General properties of textile fibres.
- (ii) Write explanatory notes on : (any three) 6 × 3 = 18
- (a) Criteria to be followed while selecting Clothes in general.
 - (b) Manufacturing process of Rayon.
 - (c) Properties of polyester fibres.
 - (d) Colour combination - its use in textile designing.
- (iii) Justify the following : 10 + 10 = 20
- (a) Cotton and linen fabrics are comfortable for summer wear.
 - (b) Proper attention is required to be given in selecting clothes for infants.

SECTION - B

5. Answer any **three** sub-questions :
- (a) Explain the need and scope of Home Science extension education in the 21st century. 20
 - (b) How extension programmes can be planned, monitored and evaluated successfully at field level ? 20
 - (c) What extension teaching methods are suitable to teach time and energy saving technologies to rural women ? Explain with examples. 20
 - (d) Write short notes on :
 - (i) Role of community organization. 5
 - (ii) Amendments made in Panchayati Raj programme. 5
 - (iii) Characteristics of a good extension programme. 5
 - (iv) Lessons learnt from community development programme. 5
6. What efforts were taken by Government and non-government agencies for rural development ? Explain the role of Home Scientists in women empowerment. 60
7. What are different models of communication ? Discuss how communication can be done effectively in rural community with examples. 60
8. What are the important fields covered in extension ? How A. V. aids can speed up rate of development in our country ? Discuss by giving appropriate examples. 60