

JL – 23/14

Home Science

Paper – I

Time : 3 hours

Full Marks : 200

The figures in the right-hand margin indicate marks.

Answer any **five** questions.

1. Write short notes on the following topics :

10×4 = 40

- (a) Nutritive value of cereals
- (b) Microwave cooking
- (c) Causes of food spoilage
- (d) Changes in oils during cooking

2. (a) What is the role played by Minerals in human body ? Describe the effect of deficiency of Minerals

10+10 = 20

(b) Define Basal metabolism and factors affecting Basal Metabolism.

20

3. (a) Explain, with the help of appropriate examples, the role of ICDS in combating malnutrition among Indian children. 20
- (b) Write brief notes on the following : 10+10 = 20
- (i) PEM
- (ii) Food Fortification
4. (a) Define Human Development. Elaborate on the stages of Human Development. 5+15 = 20
- (b) Compare and contrast the cross-sectional and longitudinal designs for studying children. 20
5. (a) Do you think psychometric tests are suitable for Indian conditions. Present your argument with reasons for your thinking. 20
- (b) Describe the factors affecting prenatal growth and development. 20
6. (a) Describe the role of media as a socialization agent in the lives of children. 20

- (b) Write a detailed note on cognitive development during infancy and preschool years. 20
7. How do contemporary family problems such as unwed motherhood, singlehood, single parent and double earner families affect the family and society. Explain with the help of suitable examples. 40
8. (a) Write a detailed note on the use of Participant observation as a technique for studying children and families. 20
- (b) List the important factors to be taken into consideration while deciding on selection and use of various psychological tests. 20

