

**CSM : 15**

**HOME SCIENCE**

**PAPER - II**

Time Allowed : 3 hours

Full Marks : 100

*Marks for each question is indicated against it.*

*Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.*

**PART A**

1. Explain the factors to be considered while planning balanced diet. Enumerate the factors affecting meal planning and prepare a diet for an adolescent boy. **(6+6+8=20)**
2. Differentiate between malnutrition and optimum nutrition. Explain the methods of food preservation. Discuss the micro-organisms responsible for food spoilage. **(6+6+8=20)**
3. Define Alcohols and list their properties. Write down the structural formula, preparation and uses of methyl alcohol. **(3+5+12=20)**
4. What are Carbohydrates? How are they classified? Describe the structure, properties and biological importance of Carbohydrates. **(2+4+14=20)**

**PART B**

5. Define the term Human Development. Explain how heredity and environments are the two main factors influencing growth and development. **(5+15=20)**
6. How does a middle adulthood cope with stress in family and work place? Describe health problems, physiological changes and memory changes that take place during late adulthood. **(6+14=20)**
7. Write the nutritional related problems of pre-schoolers. List the immunisation schedule for infants and children. Describe briefly the common nutritional problems in your state. **(6+6+8=20)**
8. Discuss the contribution of Mahatma Gandhi in early childhood education. Explain the importance of play in the all round development of a child. **(10+10=20)**

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