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PG CBCS
M.Sc. Semester-II Examination, 2021
NUTRITION & DIETETICS
PAPER: NUD 201

Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

UNIT-13

Nutrition through Life Cycle

Answer any TWO questions from the following:

2X10=20

1. How maternal malnutrition causes fetal growth retardation? Why BMR increases during pregnancy? Write the role of essential fatty acids in pregnancy. 4+3+3
2. Discuss about the hormonal regulation of lactation. Write the different stage of lactation. 5+5
3. Why human milk is preferred over cow's milk during infancy? Why malted grain is a good food supplement for weaning? Write the name of low-cost supplementary foods developed in India. 5+3+2
4. Write the sensory and gastrointestinal changes occur with aging? Why osteoporosis is common in old age people? How osteoporosis can be managed clinically in old age people? 5+2+3

UNIT-14

Growth and Development

Answer any TWO questions from the following:

2X10=20

1. What is Prenatal growth? Discuss about the different stages of prenatal growth. 2+8
2. State briefly about the determinants of growth and development. What are the differences between growth and development? 6+4
3. Discuss the changes in body composition noted under different life stages. Why we should assess body composition? 6+4

(P.T.O.)

(2)

4. What do you mean by preterm birth? Classify preterm baby according to gestational age. What are the factors responsible for preterm birth and state the complication of pre-term baby. 2+4+4
