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PG CBCS
M.Sc. Semester-I Examination, 2020
FOOD SCIENCE & NUTRITION
 PAPER: FSN 101
BASIC NUTRITION AND HEALTH

Full Marks: 40**Time: 2 Hours****Answer any four questions:****10X4=40**

1. Write the effect of maternal under nutrition on placental development during pregnancy. What are the long term effects of maternal micronutrient deficiency on child's health? 5+5
2. What do you mean by cognitive development of infants? Briefly discuss about the physical growth and development during infancy. 3+7
3. Define exclusive breast feeding. Why weaning is necessary at late infancy? Write about the role of essential fatty acids during infancy. What do you mean by low cost supplementary foods? 2+3+3+2
4. Write the different steps lactation. How the hormonal regulation is controlling breast milk production and secretion? 4+6
5. Why osteoporosis is common during old age? How the osteoporosis can be managed during old age? Write the role of functional foods on anti-inflammatory activities. 3+4+3
6. State the Free radical theory and Wear & Tear theory of aging. What are the common nutritional problems are noted in geriatric stage. 4+6
7. What do you mean by ABCD methods in nutrition assessment process? Write any two biomarkers and their clinical significance in disease diagnosis. 4+6
8. What do you mean by Nutrition Education? Write the importance of Nutrition education. What are the common methods are used in Nutrition Education? 3+4+3
9. Briefly discuss about the National Nutrition Policy (NNP) with strategies. 10
10. are the services are provided through ICDS centre? Write the role of NGO in community nutrition development. 3+3+4
