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PG CBCS
M.Sc. Semester-I Examination, 2020
NUTRITION & DIETETICS
PAPER: NUD 104

Full Marks: 40**Time: 2 Hours****Write the answer for each unit in separate sheet****UNIT-7****Food Hygiene and Sanitation****Answer any two questions from the following: (250 Words)****2X10=20**

1. What do you mean by hygiene and sanitation? What are the basic steps to be adopted for kitchen hygiene? Write the importance of kitchen hygiene to prevent the spread of infectious diseases. 2+5+3
2. What do you mean by employee health? Write down the general principles and steps that should be taken in food plant sanitation. 4+6
3. Differentiate sterilization and disinfection. Write down the basic principle, procedure and application of Hot Air oven. 2+8
4. What do you mean by decontamination? Write the different types of filter in effective sterilization. 2+8
5. What do you mean by pasteurization with importance? Write the mode of action and biological application of alcohol. 5+5
6. Write the different categories of waste. Briefly discuss about the different waste disposal methods? 4+6

UNIT-8**Food Toxicology and Food Safety****Answer any two questions from the following: (250 Words)****2X10=20**

1. What do you mean by biological food hazards? Write about the toxicity exposure of mercury. Write the name of two paralytic food borne disease? 3+5+2
2. What do you mean by therapeutic index? How LD₅₀ of any drug is chosen? Write the safety aspects of Milk. 2+4+4
3. What do you mean by pesticide residues? Why organochlorine pesticides are harmful for the environment? Write the name of some common chemical pesticides. What do you mean by pest? 2+4+2+2
4. Write the effect of toxicity exposure of hemagglutinins? What are mycotoxins? Write about the effect of chronic toxicity exposure of mushroom toxins. 4+2+4
5. Write the name of four cyanogenic glycosides. Mention its toxic effect on chronic exposure? What are glucosinolates? Define safe food. 2+4+2+2
6. What do you mean by DSP? Write the complications of PSP. Mention the name of toxins causing DSP and NSP. 2+5+3
