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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech IV Year I Semester Regular Examinations November/December-2022****FOOD QUALITY AND CONTROL**

(Agricultural Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 Explain in detail about role of quality control in food industry both by government and industry point. L2 12M

OR

- 2 a Write the guidelines for the correct grain storage. L3 8M
b Brief about quality control in pasteurized milk. L2 4M

UNIT-II

- 3 Write in detail about preparation of evaluation card. L3 12M

OR

- 4 a Write selection procedure for panel of judges in sensory test. L3 4M
b Explain types of sampling plans in statistical quality control. L3 8M

UNIT-III

- 5 a Explain the chemical method in objective evaluation of quality control. L1 6M
b Write the advantages and disadvantages of instrumental analysis in quality control. L2 6M

OR

- 6 a List the attributes of food product and consumer during analysis. L3 8M
b Explain the microscopic examination of objective evaluation. L2 4M

UNIT-IV

- 7 a List out the information obtained from the consumer studies. L3 6M
b Explain methods of approach in developing questionnaires. L1 6M

OR

- 8 Explain in detail about the legislation related to food safety. L3 12M

UNIT-V

- 9 a Explain in brief about the ISO 9000 quality system. L3 8M
b What are domestic/Indian standard acts? L1 4M

OR

- 10 Explain BIS and AGMARK in brief. L3 12M

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