

RDL 760 "Food Quality and Safety"

Major Exam

Date 22.11.2016

Max. Marks = 40

Time = 2 hrs.

Note: Use Hindi/English as per your convenience

Q. 1. (a) List drawbacks (if any) in definition of Technology OR Efficiency of cooking process.

(b) Explain the source of Sustainable Happiness and human values involved.

(c) How SAP influence the development of technology for basic needs. Explain with ONE example.

(d) List FIVE important Questions which this course could raise in your thinking.

(e) Which Term Paper presentation excluding your own (Ref : compulsory session) appealed you most. Explain briefly.

(f) Design Two statements (True/False) and answer any ONE. (excluding Q 5)

(12)

Q. 2 (a) Name Two grain storage pests and chemical pesticides. Why TGSS is less effective in current scenario? Explain pointwise.

(b) List Five Ag.- Techn. system for organic food production developed worldover. Write (pointwise) basic difference between organic manure and chemical fertilizers.

(c) Name Industries polluting Hindon River in U.P. Is there any alternative to food products of these industries? Explain with example.

OR

Explain the 'Design Power' of Nature for managing micronutrients through various crops.

(d) Write abstract of ONE article/news item (with full reference) about food wastage and Hungry people.

(8)

Q. 3 (a) Write all possible scenarios of swadeshi. Why even the Scenario-I may not be True Swadeshi? Explain giving examples.

(b) Write new examples of modern technology which can be considered as swadeshi. Explain any ONE.

(c) Write comparative analysis of one MNC and one Swadeshi Industry in Food Sector. Discuss the significance of these in rural economy.

Q. 4 (a) List Five crucial parameters for a desirable food industry. Does sugarcane processing system fulfills these? Explain briefly. (6)

(b) How G-K industry is a non-polluting industry and can be run by renewable energy only. Explain steps/mechanism involved.

(c) List research areas for improving G-K industry OR Traditional dairy industry.

Discuss your technical contribution for any ONE research problem.

Q. 5 Examine any Eight statements (True/False) and justify your answer giving important reasons. (6)

(i) Bran oil production provides value addition in food chain.

(ii) TFA content in Indian processed food is harmful for health.

(iii) "Energy from Food" is independent of life style of students.

(iv) Pesticide residues in food influence its nutritive value.

(v) Food Security' relates to human beings only.

(vi) Food combination has no relevance for holistic health.

(vii) Satvik word is not limited to Food sector only.

(viii) Protecting cow is not merely a religious phenomenon.

(ix) Oxytocin can control mycotoxin in food products.

(x) Malathion is a safe pesticide.

(xi) Maslow model of basic needs differs from your B-M experien

(8)

- - All The Best - -