

RDL 760 "Food Quality and Safety"

MINOR II

Date 22.03.16

Max. Marks = 20

Time = 1 hour

Q 1 (a) Explain scientific basis of *Sutra* (सूत्र) related to "water drinking" given by महर्षि आश्रम. Discuss possibility of its inclusion in your hostel.

(b) Draw diagram of 4-Dimensional Network of "getting energy from food". Identify the crucial linkages which are under your control.

Protein, fat, K_i, Cook, di, खाने, food, etc. प्रोटीन

(c) Write New example of adulteration in Milk, Oil etc.

OR

Two important points of ONE article related to course, you read recently.

(3+2+1)

Q 2 (a) Explain the significance of NE in the context of human health.

(b) Identify (point wise) drawbacks in conventional formula of η for food sector.

OR

Recalling article "changing character of scientific research", discuss such example in food sector.

(c) Explain the importance of profile of different cooking devices in relation to food quality.

(2+2+2)

Q 3 (a) Write short note on any TWO of the following:

- (i) HACCP
- (ii) Codex Standards
- (iii) Rationale of Food Quality and Standards

(b) Define and classify agro-processing Industries. Explain two important advantages of these Industries in India.

(4+4)

--- All the Best ---