



SLIATE

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

Higher National Diploma in Technology (Agriculture)

Second Year, Second Semester Examination - 2016

AG- 2212 Agricultural product quality maintenance

Instructions for Candidates:

The question paper contains part I and Part II

Answer all questions in Part I.

Answer only two (02) questions in Part II.

No of questions : 05

No of pages : 04

Time: **One and half (1 & 1/2) hours**

PART – I

01.

(i) Write five (05) quality parameters of pharmaceutical products.

1.
2.
3.
4.
5.

(05 marks)

(ii) Write six (06) characteristics of agricultural products.

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....

(06 marks)

(iii) Name three (03) additional quality factors.

1.
2.
3.

(03 marks)

(iv) What are the benefits of the ISO standards for consumers, government and business?

.....
.....
.....
.....
.....
.....

(06 marks)

[Total 20 marks]

02.

(i) List out main principles of good agricultural practices.

1.
2.
3.
4.

(04 marks)

(ii) What are the main constraints of good agricultural practices?

1.
2.
3.
4.

(04 marks)

(iii) Write six (06) good agricultural practices that help to improve soil quality.

1
2
3
4
5
6

(06 marks)

(iv) What are the important steps in implementation of good agricultural practices in the field?

- 1
- 2
- 3
- 4
- 5
- 6

(06 marks)

[Total 20 marks]

Part- 11

Answer two (02) questions only.

03.

- (i) Name five (05) popular ISO standards. (10 marks)
- (ii) What are the main goals of food and feed regulatory system in Sri Lanka? (08 marks)
- (iii) Describe the main areas in which the decisions are made by the food advisory committee. (12 marks)

[Total 30 marks]

04.

- (i) What are the objectives of quality control of food? (07 marks)
- (ii) Explain the key aspects of a quality control program. (08 marks)
- (iii) Describe the quality control measures at each stage of a processed food. (15 marks)

[Total 30 marks]

05.

- (i) What are the steps of in-process inspection of food in the production flow? (05 marks)
- (ii) List out the role of quality controllers. (07 marks)
- (iii) Describe the PDCA cycle in common total quality management practices. (18 marks)

[Total 30 marks]