PART I : SECTION (I) — GENERAL

Government Notifications

MINUTE ON THE SRI LANKA AGRICULTURAL SERVICE

THE Gazette Extra Ordinary No. 1877/52 dated 29th August 2014 published under the above heading should be cancelled on the date that this Gazette Extra Ordinary Notification is published.

T. M. L. C. SENARATNE,
Secretary,
Public Service Commission.

29th August, 2014.

Minute of the Sri Lanka Agricultural Service

The following Minute on The Sri Lanka Agricultural Service is substituted without prejudice to any action taken or purported to be taken in terms of the Minute on Sri Lanka Agricultural Service which came into force with effect from 01.05.2002 having been published in the Gazette Extraordinary of the Democratic Socialist Republic of Sri Lanka No: 1235/21 of 08.05.2002 and subsequent amendments made thereto from time to time.

By order of the Public Service Commission.

T. M. L. C. SENARATNE,
Secretary,
Public Service Commission.

19th September, 2014.

01. Effective Date : This Minute shall come into force from 01.01.2006.

02. Particulars on Appointing Authority :

2.1 Appointing Authority : Public Service Commission

03. Particulars on the Service Category :

3:1. Service Category : Senior Executive Executive

3.2. Grades : Senior Executive Executive - Special Grade

- Grade III

- Grade II

- Grade I

This Gazette Extraordinary can be downloaded from www.documents.gov.lk
04. Task of the Service:

Generation of new technology and novel varieties through agricultural research and the ensuring of a sustainable development in Domestic Agriculture and the promotion of extension and communication activities in order to disseminate of such new knowledge to the farmer community and the relevant stakeholders and to contribute towards achieving the food security in line with the provision of high quality basic seed and planting materials of the recommended varieties and other services related to the agricultural development.

05. Salary:

5.1. Salary Code:
- Senior Executive - SL-03-2006
- Executive - SL-01-2006

5.2. Salary Scale:
- Senior Executive - SL-03-2006
  Rs:42,390-1310x12-58,110/=  
- Executive - SL-01-2006
  Rs:22,935-645x10-790x8-1050x17-53,555/=  

5.3. Initial Salary Step in relation to the Grading System:

<table>
<thead>
<tr>
<th>GRADE</th>
<th>INITIAL SALARY STEP</th>
<th>INITIAL SALARY (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade III</td>
<td>Step - 1 (SL-01-2006)</td>
<td>22,935/=</td>
</tr>
<tr>
<td>Grade II</td>
<td>Step - 12 (SL-01-2006)</td>
<td>30,175/=</td>
</tr>
<tr>
<td>Grade I</td>
<td>Step - 20 (SL-01-2006)</td>
<td>36,755/=</td>
</tr>
<tr>
<td>Special Grade</td>
<td>Step - 1 (SL-03-2006)</td>
<td>42,390/=</td>
</tr>
</tbody>
</table>

06. Posts Belonging to the Service Category:

6.1 Approved Posts and Number of Approved posts (As approved by the Director General of Management Services)

<table>
<thead>
<tr>
<th>Posts Approved Grade</th>
<th>Salary Code</th>
<th>No. of Posts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special</td>
<td>SL-03-2006</td>
<td>05</td>
</tr>
<tr>
<td>I</td>
<td>SL-01-2006</td>
<td>66</td>
</tr>
<tr>
<td>II</td>
<td>SL-01-2006</td>
<td>99</td>
</tr>
<tr>
<td>II/III</td>
<td>SL-01-2006</td>
<td>129</td>
</tr>
<tr>
<td>III</td>
<td>SL-01-2006</td>
<td>544</td>
</tr>
</tbody>
</table>

Particulars of Posts belonging to the Sri Lanka Agricultural Service are indicated in the First Schedule. This number of posts may be changed from time to time in accordance with requirements of the Public Service.

6.2 The Combined Cadre - 838

Grades III, II and I are considered as combined cadre for the promotion from grade by grade.

6.3 Nature of the Posts in the Service - Permanent and Pensionable.

07. Method of Recruitment:

Two competitive examinations will be held for the Open and Limited candidates consisting of separate question papers prepared in accordance with syllabuses specified in 01st and 02nd appendices. (Seniority of Officers selected shall be determined on the total of marks secured by them in the written examination.) The number of appointments made in any
year to the service shall be the number of vacancies which existed on 30th June of the same year.

7.1 Percentage of Recruitment (From existing vacancies)

<table>
<thead>
<tr>
<th>STREAM</th>
<th>OPEN</th>
<th>LIMITED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Development</td>
<td>45%</td>
<td>55%</td>
</tr>
<tr>
<td>Agricultural Research</td>
<td>60%</td>
<td>40%</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>60%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Note:-

1. The posts belonging to each of the above streams are as follows :-

Agricultural Development Stream :-

Assistant Director – Ministry of Agriculture
Assistant Director (Agricultural Development) – Department of Agriculture
Assistant Director of Agriculture
Assistant Provincial Director – Provincial Councils
Assistant Director
Assistant Provincial Director of Agriculture
Subject Matter Specialist – In Service Training Institute - Bombuwala

Lecturer – Western Province

Assistant Director of Agriculture – District Training Centres - Horana, Homagama, Walpita, Ambepussa.

Agricultural Research Stream :-

Assistant Director (Agricultural Research) - Department of Agriculture

Agricultural Economics Stream :-

Assistant Director (Agricultural Economics) - Department of Agriculture.
Agricultural Economist – Western Provincial Council

2. Number of Posts under each stream is as follows - Recruitment will be made on the number of vacancies existing under each stream.

<table>
<thead>
<tr>
<th>STREAM</th>
<th>Posts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Development</td>
<td>370</td>
</tr>
<tr>
<td>Agricultural Research</td>
<td>286</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>17</td>
</tr>
</tbody>
</table>

3. In instances where it is impossible to appoint the required number in accordance with the percentage allocated for the appointment through the Limited Competitive Examination, the remaining number of vacancies shall also be filled through Open Competitive Examination.

7.2 Open Recruitment:

7.2.1 Recruitment Grade: - Grade III of the Sri Lanka Agricultural Service

Note: -An applicant shall be allowed to apply for one or more than one stream out of the streams of Agricultural Development, Agricultural Research and Agricultural Economics.
7.2.2. Qualifications:-

7.2.2.1. Educational Qualifications:-

7.2.2.1.1. For streams of Agricultural Development and Agricultural Economics.

Four year Degree in Agricultural Science obtained from an University recognized by the University Grants Commission

or

Four year Degree in Bachelor of Science in Agricultural Technology Management obtained from an University recognized by the University Grants Commission.

7.2.2.1.2. For stream of Agricultural Research.

Four year Degree in Agricultural Science obtained from an University recognized by the University Grants Commission.

or

Four year Science Degree in Botany, Chemistry or Zoology obtained from an University recognized by the University Grants Commission.

or

Four year Degree in Bachelor of Science in Agricultural Technology Management obtained from an University recognized by the University Grants Commission.

7.2.2.2. Professional Qualifications: - Inapplicable.

7.2.2.3. Experience: - Inapplicable.

7.2.2.4. Physical Requirements: - Every applicant shall be physically and mentally fit in every respect to serve in any part of Sri Lanka.

7.2.2.5. Other: -

(I) Must be a Citizen of Sri Lanka.

(II) Must be of excellent moral character.

(III) An applicant is eligible to sit the Open Competitive Examination only thrice.

(IV) Every applicant shall fulfill the prescribed qualifications as at the closing date of applications, specified in the notification.

7.2.3 Age:-

7.2.3.1 Minimum Age limit: - 22 years

7.2.3.2. Maximum Age limit: - 30 years

7.2.4. Method of Recruitment:

7.2.4.1 Written Examination:

<table>
<thead>
<tr>
<th>SUBJECTS</th>
<th>MAXIMUM MARKS</th>
<th>PASS MARKS (MINIMUM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intelligence Test Paper</td>
<td>100</td>
<td>40</td>
</tr>
<tr>
<td>Subject Matter Paper (In accordance with the relevant post the syllabus is given in the first appendix)</td>
<td>100</td>
<td>40</td>
</tr>
</tbody>
</table>

7.2.4.1.1. The Authority of Conducting Examinations : Commissioner General of Examinations

7.2.4.2. Professional Test : Inapplicable

7.2.4.3. Structured Interview : Inapplicable

7.2.4.4. General Interview : Marks will not be awarded

Expected Purposes: Scrutinizing of the fulfillment of qualifications prescribed in the Gazette Notification which will be published in terms of the Minute on the Sri Lanka Agricultural Service and the examination of physical fitness.

Note: - Based on the order of the highest number of the aggregate of marks secured in the subject matter paper and intelligence test paper prescribed in the first appendix, a number of candidates not exceeding twice the number of vacancies out of the applicants who have secured 40% or more marks for every prescribed question paper shall be called for an interview. Upon scrutinizing of qualifications of the applicants by the board of interview, recruitment to the vacancies shall be made in order of the maximum aggregate of marks secured in the subject matter paper and intelligence test paper from amongst applicants whose qualifications have been proved.

7.2.4.4.1. Appointing Authority of The General Board of Interview:-

The Public Service Commission.

7.2.4.4.2. In open recruitment, in the event of an applicant has secured sufficient marks for the selection of more than one scheduled posts having applied for one or more of such posts, recruitment shall be made taking into account the options of the applicant and the number of vacancies, as the case may be. The applicant shall express his/ her option in writing at the interview and he/she shall not be allowed to change it later.

7.2.5. Method of Calling Application :-

By publishing in the Government Gazette.

7.3. Limited Recruitment:-

7.3.1 Recruitment Grade:-

Grade III of the Sri Lanka Agricultural Service.

7.3.2. Qualifications:

7.3.2.1. Basic Qualifications for Limited Recruitments.

7.3.2.1.1. For stream of Agricultural Development.

(a) An officer who holds a post of Agricultural Instructor in Special Class of the Sri Lanka Technological Service.

or

(b) An officer who holds a post of Agricultural Instructor and has completed at least 04 years active and satisfactory period of service in Class I of the Sri Lanka Technological Service.

or

(c) An officer who has fulfilled the qualifications prescribed in above 7.2.2.1.1 and has completed 05 years active and satisfactory period of service in the field of agriculture, viz. Agricultural
Research, Agricultural Development or Agricultural Economics while serving in a post of Associate Officer Service category.

or

(d) An Officer who holds a post of Garden Assistant and has completed 10 years active and satisfactory period of service

or

(e) An Officer who holds a post of Agricultural Instructor or Garden Assistant possessing a degree in Agricultural Science or Science and has completed 05 years active and satisfactory period of service.

7.3.2.1.2. For stream of Agricultural Economics:

(a) An officer who holds a post of Economist Assistant and has completed 05 years active and satisfactory period of service

or

(b) An officer who has fulfilled the qualifications prescribed in above 7.2.2.1.1. and has completed 05 years active and satisfactory period of service in the field of Agriculture, viz. Agricultural Research, Agricultural Development or Agricultural Economics while serving in a post of Associate Officer Service Category.

7.3.2.1.3. For stream of Agricultural Research:

(a) An officer who holds a post of Research Assistant, Soil Surveyor or Land Evaluation Officer in Special Class of the Sri Lanka Technological Service.

or

(b) An officer who holds a post of Research Assistant, Soil Surveyor or Land Evaluation Officer and has completed a minimum period of 04 years active and satisfactory service in Class I of the Sri Lanka Technological Service

or

(c) An officer who has fulfilled the qualifications prescribed in above 7.2.2.1.2 and has completed 05 years active and satisfactory period of service in the field of Agriculture, viz. Agricultural Research, Agricultural Development or Agricultural Economics while serving in a post of Associate Officer Service category.

or

(d) An officer who holds a post of Research Assistant, Soil Surveyor or Land Evaluation Officer possessing a degree in Agricultural Science or Science and has completed a period of 05 years active and satisfactory service.

Note: 1. Officers holding the posts in associate officer service category should apply only under one stream from among Agricultural Development, Agricultural Economics or Agricultural Research streams.

2. In terms of the decision of the Supreme Court Application No. 61/2006, officers holding a post of Agriculture Monitoring Officer or Program Assistant (Agriculture) who have completed five years of active service having held a post of Agriculture Monitoring Officers or Program Assistants (Agriculture) as at 04.11.2009 as set out in the Minutes on the Sri Lanka Agricultural Service as amended by the Gazette Extraordinary No. 1691/25 of 18.09.2009 will also be eligible to apply for the limited requirement.
These officers will be able to apply for limited recruitment only under one stream from among Agricultural Development or Agricultural Economics or Agricultural Research.

7.3.2.2. Physical Requirements:

Every applicant shall be physically and mentally fit in every respect to serve in any part of Sri Lanka.

7.3.2.3. Other:-

I. Candidates shall be of excellent moral character.

II. Shall fulfill the required qualifications on or before the date specified in the notification of calling applications.

III. Concessions or promotions granted to a candidate with retrospective effect, subsequent to the date specified in the notification of calling applications shall not be reckoned as being fulfilled the prescribed qualifications for the examination.

IV. Should have completed the period of satisfactory service over the immediately preceding 05 years.

7.3.3. Method of Recruitment:

7.3.3.1. Written Examination:

In the Limited Examination, the question paper to assess the knowledge of the subject matter will be prepared placing more focus on the field experiences (vide. Second Appendix)

<table>
<thead>
<tr>
<th>SUBJECTS</th>
<th>MAXIMUM MARKS</th>
<th>PASS MARKS (MINIMUM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intelligence Test Paper</td>
<td>100</td>
<td>40</td>
</tr>
<tr>
<td>Subject Matter Paper (In accordance with the relevant post - The syllabus is given in the second appendix.)</td>
<td>100</td>
<td>40</td>
</tr>
</tbody>
</table>

7.3.3.1.1 The Authority of conducting Examinations: Commissioner General of Examinations

7.3.3.2 Professional Test: Inapplicable

7.3.3.3 Structured Interview: (Marks will be awarded for seniority and basic qualifications will be scrutinized)

(a) Applicants shall answer the intelligence test paper and the relevant subject matter question paper as prescribed in the second appendix for each post referred to in sub-Para 7.1 above.

(b) Applicants who have secured 40% or more marks in all two prescribed question papers shall only be called for the interview.

(c) Documents and certificates in proof of the basic qualifications of the applicants will also be examined at the interview.

(d) Recruitments shall be made in order of the highest aggregate of marks arrived at after adding the total number of marks secured for the prescribed question papers in the limited competitive examination and the number of marks awarded for seniority.
Method of Awarding Marks for Seniority at the Interview:

The period of active service of an applicant with effect from the date of fulfillment of prescribed qualifications up to the closing date of applications shall only be reckoned for the purpose of awarding marks for seniority. Subject to a maximum of 30 marks, at a rate of two (02) marks for each year of such period of active service and at a rate of one (01) mark for a period of service beyond 180 days or more shall be awarded.

7.3.3.3.1 Appointing Authority of the Structured Interview Board: The Public Service Commission

7.3.3.4 General Interview: Inapplicable

7.3.4 Method of Calling Applications:
By publishing in the Government Gazette and by way of Public notices and through the Web-Site.

08. Efficiency Bar:

<table>
<thead>
<tr>
<th>WHICH EFFICIENCY BAR</th>
<th>THE NUMBER OF YEARS ALLOWED TO PASS OVER THE EFFICIENCY BAR</th>
<th>NATURE OF THE EFFICIENCY BAR (WRITTEN/PROFESSIONAL CERTIFICATE/COURSES/OTHER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Efficiency Bar</td>
<td>Before three (03) years from the date of appointment to Grade III.</td>
<td>Written (Vide. Third Appendix)</td>
</tr>
<tr>
<td>2nd Efficiency Bar</td>
<td>Before three (03) years from the date of promotion to Grade II.</td>
<td>Written (Vide. Fourth Appendix)</td>
</tr>
<tr>
<td>3rd Efficiency Bar</td>
<td>Before five (05) years from the date of promotion to Grade I.</td>
<td>A written Research Thesis(Vide.Fifth Appendix)</td>
</tr>
</tbody>
</table>

8.1 Efficiency bar examination should be completed before the expiration of the prescribed number of years.

8.2 The Frequency of Conducting Efficiency Bar Examination:

Twice a year.

8.3 The Authorities of Conducting the Efficiency Bar Examinations:
(a) First Efficiency Bar Examination:-
* Paper I and II (Finances and Administration) By Commissioner General of Examinations or an institution Approved by the Public Service Commission.
* Paper III (Organization of Agriculture in Sri Lanka) By Director General of Agriculture

(b) Second Efficiency Bar Examination (Agricultural Science):-
By Director General of Agriculture

(c) Third Efficiency Bar Examination:-
By the Committee mentioned in the fifth appendix.
9. Proficiency in Language:-

9.1

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>PROFICIENCY TO BE OBTAINED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Official Language</td>
<td>Officers who have entered the service in a language other than official languages shall acquire proficiency in an official language before confirmation in the service.</td>
</tr>
<tr>
<td>Other Official Language</td>
<td>The relevant level of proficiency should be obtained as per the Public Administration Circular No. 07/2007 and the Circulars incidental thereto.</td>
</tr>
</tbody>
</table>

10. Promotion to Grades:
This consists of a promotional scheme based on performance appraisal as follows.

10.1. Promotions from Grade III to Grade II
10.1.1. According to General Performance

10.1.1.1. Requirements to be satisfied:

I. Should be confirmed in the Post.
II. Should have completed at least a period of ten (10) years active and satisfactory in grade III of the service category and earned on the due dates all 10 increments falling due during this period.
III. Should have obtained ratings “satisfactory” or “above satisfactory” in annual performance appraisal reports in accordance with the approved procedure for performance appraisal during the period of 10 years prior to the date of his/her becoming eligible for promotion.
IV. Should have completed a period of five (05) years satisfactory service immediately preceding the date his/her becoming eligible for promotion.
V. Should have obtained the relevant level of proficiency in other official language.
VI. Should have completed the relevant Efficiency Bar Examinations on the due dates.

10.1.1.2. Scheme of Promotion:
Where the officers who have fulfilled the prescribed qualifications submit an application on the prescribed form to the Appointing Authority, the Appointing Authority will grant promotions after scrutinizing the qualifications, with effect from the date of his/her becoming eligible for promotion to Grade II. The relevant application form is given in the sixth appendix.

10.2. Promotion from Grade II to Grade I
10.2.1. Requirements to be satisfied:

(I) Should have completed a period of seven (07) years of active and satisfactory service in Grade II of the service category and earned on the due dates all seven (07) increments falling due during this period.

(II) Should have passed the second Efficiency Bar Examination on the due date.

(III) Should have completed a period of five (05) years satisfactory service immediately proceeding to the date of becoming eligible for promotion.

10.2.2. Method of Promotion:

Where officers who have fulfilled the prescribed qualifications make a request to the Appointing Authority, he will subsequent to the scrutinizing of the qualifications, grant promotions to Grade I with effect from the date of the officer becoming eligible for promotion. The relevant application is given in the sixth appendix.

10.3. Promotion from Grade I to Special Grade:

10.3.1. Requirements to be satisfied:

I. Should have obtained a Post Graduate Degree in the relevant field.

II. Should have completed a period of five (05) years active and satisfactory service in Grade I of the Sri Lanka Agricultural Service and earned five (05) salary increments after the promotion to Grade I.

III. Should have completed a period not less than eighteen years (18) of active service in the Sri Lanka Agricultural Service on the date his/her becoming eligible for promotion.

IV. Should have achieved ratings “satisfactory” or “above satisfactory” in the annual performance appraisal reports during a period of five (05) years immediately preceding the date of his/her becoming eligible for promotion.

V. Should have completed satisfactory service during the period of five (05) years immediately preceding the date of his/her becoming eligible for promotion and not been subjected to disciplinary punishment.

VI. Should have completed the relevant Efficiency Bar Examination on the due date.

10.3.2. Method of Promotion:

A number of Officers, not more than thrice the number of vacancies will be called for the interview in the order of seniority of the Officers in Class I. Marks will be awarded at the structured interview in accordance with the marking scheme approved by the Public Service Commission after assessment of the fulfillment of all above qualifications by an Interview Board appointed by the Public Service Commission. Existing vacancies will be filled based on the order of the merit marks.

Note :-

In the event of promoting in accordance with general level performance, the date of promotion of the Officers who have not passed the Efficiency Bar on the due date should be delayed by a period equal to their period of being delayed to pass the Efficiency Bar concerned.
11. Appointment to Posts:

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>INSTITUTE</th>
<th>QUALIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Secretary</td>
<td>Ministry of Agriculture</td>
<td>An officer of Special Grade in the Sri Lanka Agricultural Service</td>
</tr>
<tr>
<td>Director General of Agriculture</td>
<td>Department of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Additional Director General (Research)</td>
<td>Department of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Additional Director General (Development)</td>
<td>Department of Agriculture</td>
<td></td>
</tr>
<tr>
<td>District Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td>An officer of Grade I in the Sri Lanka Agricultural Service</td>
</tr>
<tr>
<td>Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Registrar of Pesticides Control</td>
<td>Department of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Additional Director of Agriculture</td>
<td>Department of Agriculture</td>
<td></td>
</tr>
<tr>
<td>Additional Director</td>
<td>Ministry of Irrigation</td>
<td></td>
</tr>
<tr>
<td>Provincial Director of Agriculture / Provincial Director</td>
<td>Provincial Councils</td>
<td></td>
</tr>
<tr>
<td>Deputy Director of Agriculture</td>
<td>Department of Agriculture</td>
<td>An officer of Grade I in the Sri Lanka Agricultural Service</td>
</tr>
<tr>
<td>Deputy Director</td>
<td>In-service Training Institute</td>
<td>Bombuwala</td>
</tr>
<tr>
<td>Deputy Director of Agriculture / Provincial Director</td>
<td>Provincial Councils</td>
<td></td>
</tr>
<tr>
<td>Deputy Director / Provincial Deputy Director of Agriculture / Deputy Director</td>
<td>Provincial Councils</td>
<td></td>
</tr>
</tbody>
</table>

11.2. Method of Selection:

Selection for the posts of Director of Agriculture, Additional Director of Agriculture will be made in accordance with a procedure approved by the Public Service Commission by calling applications from the officers who have three (03) years experience in Grade I of the Sri Lanka Agricultural Service.

Selection for the post of Registrar of Pesticides Control will be made in accordance with a procedure approved by the Public Service Commission by calling applications from the Officers who are in Grade I of the Sri Lanka Agricultural Service.

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>INSTITUTION</th>
<th>METHOD OF APPOINTMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director General of Agriculture</td>
<td>Department of Agriculture</td>
<td>By the Cabinet of Ministers</td>
</tr>
<tr>
<td>Additional Secretary</td>
<td>Ministry of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Additional Director General (Research)</td>
<td>Department of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Additional Director General (Development)</td>
<td>Department of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>District Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Registrar of Pesticides Control</td>
<td>Department of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Director of Agriculture</td>
<td>Department of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
<tr>
<td>Additional Director of Agriculture</td>
<td>Department of Agriculture</td>
<td>By the Public Service Commission</td>
</tr>
</tbody>
</table>
Selection for the posts of Deputy Director of Agriculture will be made in accordance with a procedure approved by the Public Service Commission by calling applications from the officers who have three (03) years experience in Grade II of the Sri Lanka Agricultural Service.


12.1 Conditions other than general conditions:

I. All officers in the Sri Lanka Agricultural Service will be subject to serve in the Provincial Public Service as required. For this purpose officers will be temporarily released to the posts in the Provincial Public Service. Duration to be so served will be determined as agreed upon between the relevant Provincial Authority and the Appointing Authority according to the exigencies of service, need of the cadre engagement and other connected matters.

(a) Provincial authority will issue a letter of appointment to the relevant officer subject to conditions of release from the service. The officers appointed to Provincial Councils will be subject to transfer within the Provincial Council made by the relevant Provincial Authority.

(b) Despite the fact that an officer has been released to the provincial public service during this period he will be subject to administrative and disciplinary control of the Public Service Commission.

(c) An officer who has been released to the provincial public service shall return to his/her substantial post at the end of the period of his/her so release.

II. Officers appointed to Grade III on the results of Open Competitive Examination will be subject to a probationary period of three (03) years and the officers appointed on the results of the Limited Competitive Examination will be subject to an acting period of one year (01). Officers appointed through open recruitment shall pass the first Efficiency Bar Examination before confirmation in the post and the officers appointed through the limited recruitment shall pass the first Efficiency Bar Examination within three (03) years.

III. Skills Development:

Skills Development training over a period of one (1) month will be provided to the officers recruited to the service to acquire the skills on the Socio-Economic and Cultural acceptance in relation to agricultural development by the Department of Agriculture or other institute (Eg: Sri Lanka Institute of Development Administration) identified by the Department. At the end of the programme a certificate will be awarded following an assessment. This certificate should be obtained for the confirmation in service.

13. Definitions:

13.1 The term “Minute” shall mean the minute on the Sri Lanka Agricultural Service.

13.2 The term “Commission” shall mean the Public Service Commission established in terms of the provisions of Article 54 (i) of Chapter IX of the Constitution of the Democratic Socialist Republic of Sri Lanka.

13.3 The term “Service” shall mean the Sri Lanka Agricultural Service.
13.4. The term “Ministry” shall mean the Ministry in charge of the subject of Agriculture.

13.5. The term “Secretary” shall mean the Secretary to the Ministry in charge of the subject of Agriculture.

13.6. The term “Director General” shall mean the Director General of Agriculture.

13.7. The term “Department” shall mean the Department of Agriculture.

13.8. The term “Active Period of Service” shall mean the actual period of service an officer has engaged in his/her duties drawing the salaries relevant to his/her respective post. All periods of no-pay leave other than the period of maternity leave approved by the government will not be reckoned for the active period of service.

14. Absorption

Applicable only to the Officers who are in service on the date from which this Service Minute shall come into force. All officers who draw salaries under the salary scale of SL – 01 – 2006 which was introduced by the Public Administration Circular 06/2006 and Circulars incidental thereto on the prescribed date will be absorbed subject to the provisions of Section 04 of Chapter VII of the Establishments Code as follows.

The period of service will be counted based on the date of appointment to each post and grade. However, the date of increment of the respective officer should not be changed due to the absorption and that the date should remain unchanged as the date of increment effective prior to the date of absorption. Likewise, at the conversion of salary, the relevant Officer should not be placed on the next higher step as per sub – section 4.4 of Chapter VII of the Establishments Code since the last salary step drawn by the Officer corresponds to the new salary step.

(I) Absorption into Grade III of the Service

(a) The Officers who are in Class II, Grade II of the Service on the date this Minute comes into force shall be absorbed into Grade III of the Service.

(II) Absorption into Grade II of the Service

The Officers who are in Class II, Grade I of the Service on the date this Minute comes into force shall be absorbed into Grade II of the Service.

(III) Absorption into Grade I of the Service

(a) The Officers who are in Class I of the Service on the date this Minute comes into force,
(b) The Officers who have been Promoted to Class I of the Service on Supernumerary basis on the date this Minute comes into force,

Shall be absorbed into Grade 1 of the service.

(IV) Absorption into Special Grade of the Service

(i) The Officers who were permanently appointed to the Posts belonging to Special Grade on the date this Minute comes into force and those who have completed a period of 18 years active and satisfactory service in the Executive Service Category and obtained post graduate qualifications as prescribed in sub – section 10.3.1 of the Minute shall be absorbed into Special Grade.

15. Transitional Arrangements

Transitional period is effective up to 31.12.2014.

15.1. The Officers who were recruited to Class II, Grade II of the Service during the transitional period subsequent to the date this Minute comes into force shall be absorbed into Grade III from the date of their first appointment.

15.2. Absorption of the Officers who are already in the service into new Posts of the reconstituted Service.

(a) All Research Officers who are already in the service shall be absorbed into the Agricultural Research Stream.
(b) All Agricultural Officers, Lecturers and Subject Matter Specialists shall be absorbed into the Agricultural Development stream.
(c) All Agricultural Economists shall be absorbed into Agricultural Economics stream.

Note: Designations and approved cadre should be in accordance with the approval of the Director General of Management Services.

15.3. Seniority of each Officer in the relevant Classes / Grades as at date on which this Minute comes into force will not interrupt as a result of this absorption.

15.4. Promotion within transitional period:

Promotions within the transitional period shall be made as follows. The effective date of these promotions shall be the date on which this Minute comes into force or the date on which the relevant qualifications are completed, whichever occurs later.

15.4.1. Promotion to Grade II

a. On fulfillment of the requirements to be satisfied for the appointment to Class II, Grade I from Class II, Grade II as specified in the Minute on the Sri Lanka Agricultural Service published in the Gazette. Extraordinary No.1235/21 of 08.05.2002 and the relevant amendments thereto, promotions will be made to Grade II of the service.

Recommendations for the promotion to Grade II of the above service will be made to the Public Service Commission by the Secretary.

15.4.2. Promotion to Grade I:

(a) An Officer who will be absorbed into Grade II under the Provisions of this Minute or an Officer who will be promoted to Grade II within the Transitional Period,

(i) If he/ she has earned on the due dates all the increments falling due during the period of five years (05) immediately preceding the date of his/her becoming eligible for promotion, and

(ii) If he/she has not been subject to a disciplinary punishment during the period of five (05) years immediately preceding the date of his/her becoming eligible for promotion, will be eligible for promotion.

(b) Recommendations for the promotion to Grade I will be made by an Interview Board appointed by the Appointing Authority after conducting an interview for the assessment of qualifications.

15.4.3. Promotion to Special Grade:

A number of officers not more than three times of the number of vacancies existing in Special Grade will be called for an interview in accordance with the order of seniority in Grade I. After assessment of the fulfillment of all requirements specified in 10.3.1 above at the structured interview conducted by an Interview Board appointed by the Public Service Commission, marks will be awarded in accordance with the marking scheme approved by the Commission. Existing vacancies will be filled based on the order of the merit of marks.

16. Recruitment to the Service and Grade Promotions.

Recruitment to the Service and grade promotions shall only be made under the methods specified in this Minute.

17. All officers shall acquire required skills and proficiencies as determined by the Government from time to time in addition to the requirements specifically prescribed in this Minute.
18. Retirement Option:
An Officer who has not reached the optional age of retirement and has already engaged in the service as at the due date shall be allowed to give his/her option for retirement under section 07 of the Minutes on Pension on a request made by him/her. If the Public Service Commission is satisfied that the provisions of this Minute caused adverse effect on the officer to the extent requiring the grant such a relief, he/she may give his/her option within five (05) years from the prescribed date.

19. The matters not provided for:

Decisions on any matter not provided for in this minute shall be determined by the Public Service Commission.

First schedule

Approved Designations, Approved Cadre and Duties Assigned:

<table>
<thead>
<tr>
<th>APPROVED DESIGNATIONS</th>
<th>INSTITUTE</th>
<th>NO. OF POSTS</th>
<th>GRADE</th>
</tr>
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<tr>
<td>Additional Secretary</td>
<td>Ministry of Agriculture</td>
<td>02</td>
<td>Special</td>
</tr>
<tr>
<td>Director General of Agriculture</td>
<td>Department of Agriculture</td>
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<tr>
<td>Additional Director General (Research)</td>
<td>Department of Agriculture</td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>Additional Director General (Development)</td>
<td>Department of Agriculture</td>
<td>01</td>
<td></td>
</tr>
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<td>Director</td>
<td>Ministry of Agriculture</td>
<td>02</td>
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<tr>
<td>District Director of Agriculture</td>
<td>Ministry of Agriculture</td>
<td>25</td>
<td>I</td>
</tr>
<tr>
<td>Registrar of Pesticides Control</td>
<td>Department of Agriculture</td>
<td>01</td>
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<td>Director of Agriculture</td>
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<tr>
<td>Additional Director</td>
<td>Ministry of Irrigation</td>
<td>01</td>
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<tr>
<td>Provincial Director of Agriculture/ Provincial Director</td>
<td>Provincial Councils</td>
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<td>Department of Agriculture</td>
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<td>Deputy Director</td>
<td>In Service Training Institute Bomaluwa</td>
<td>01</td>
<td></td>
</tr>
<tr>
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<td>Provincial Councils</td>
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<td>II</td>
</tr>
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<td>Ministry of Agriculture</td>
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<td>Lecturer</td>
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<td>Subject Matter Specialist</td>
<td>In Service Training Institute Bomaluwa</td>
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<td>Assistant/Deputy Director of Agriculture</td>
<td>District Training Centre–Horana, Homagama, Walpita, Ambepussa</td>
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<td>III</td>
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<td>Department of Agriculture</td>
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<tr>
<td>Assistant Director of Agriculture (Agricultural Economics)</td>
<td>Department of Agriculture</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>
First Appendix
Regulations and Syllabus of the Open Competitive Examination

· * Question Paper –I - Intelligence Paper

A multiple – choice short questions paper including questions to assess the language, mathematics and logical ability. Duration 1 ¼ hours. Total marks 100.

· * Question paper -2 - Assessment of Knowledge in Subject Area.

This is a written aptitude test to assess the knowledge in the relevant subject area. Each applicant may sit for question papers as relevant to the post or posts he/she applies for, chosen from the following question papers. These question papers consist of short questions and multiple – choice questions. Duration 02 hours. Total marks 100.

Note: - Subject Matter paper in the Open Competitive Examination will be prepared mainly focusing the theoretical knowledge in accordance with the following syllabus. Examination will be held as determined by the Director General of Examinations.

Syllabuses in respect of each post are enumerated below:

i. Question paper for the stream of Agricultural Research:

Applicants shall answer only one out of the two parts referred to in (A) and (B) bellow, as they wish.

Part (A)

01. Agricultural Botany:-

Fundamentals of crop classification, fundamentals of crop growth and physiology.

02. Genetics and Plant Breeding:

Mendelian law, population genetics, mutations, molecular genetics, cytogenetic, quantitative genetics, fundamentals of plant breeding, genetic resources protection and bio – diversity, pollination behavior and breeding concepts, incompatibility, mass and pure line selection, commonly used breeding methods and current trends.

03. Plant Pathology:

Types of pathogenic organisms, infections, response of plant to infections, infective methods and fundamentals of their management, current trends in plant pathology and disease management, diagnostic techniques, symptomatology, Koch’s postulate application, modern techniques of diagnosis (ELISA), current trends.

04. Fundamentals of Entomology :

Fundamentals of classification of animals, structural characteristics, biological information and damage, economic significance of pest damage, estimation of insect population and damage.

05. Seed Technology:

Seed physiology, morphology, dormancy germination, viability, tests on viability and purity, stages of seed production, seed certification and seed storage.

06. Tissue Culture:

Theories, facilities and requirements for tissue culture, media, applications of tissue culture systems, protoplast culture, mutagenesis, embryo rescue, in vitro fertilization, genetic transformations, cryopreservation.
07. **Agricultural Chemistry:**

Fundamentals of biochemistry and practical applications of biochemistry in agriculture, fundamentals of food chemistry and practical applications of food chemistry in agriculture, fundamentals of analytical chemistry and practical applications of analytical chemistry in agriculture; or

**Part (B)**

01. **Agronomy**

Agro-climatology, ecology, land development, tillage, fundamentals of crop growth and physiology, measurement of crop growth, yield indices, fertilizer recommendations and efficiency, weed biology and control, principles of irrigation systems, principles of crop soil and water relationship.

02. **Crop Science**

Physiology of rice, highland grains, pulses, tuber crops, and other field crops, growth, methods of propagation, methods of planting, physical chemical and biological methods in crop manipulation, establishment and management of scientific pastures, fundamentals of timber and fruit production.

03. **Soil Science**

Soil formation, physical and chemical characteristics of soil, soil problems relating to cropping, fertility management of soil, watershed management, plant nutrition, fundamentals of plant classification.

04. **Genetics and Plant Breeding:**

Fundamentals, Mendelian law, population genetics, mutations, molecular genetics, cytogenetic, fundamentals of plant breeding, genetic resources protection and bio-diversity.

05. **Plant Pathology:**

Plant infections, response of plants to infections, biological control, modern trends in disease management.

06. **Fundamentals of Entomology:**

Indicated under sub-paragraph 04 of question paper (A)

07. **Field research principles and statistical principles and knowledge in important statistics on agricultural sphere in Sri Lanka.**

08. **Entomology:**

Economically significant insects in agriculture, their classification, internal and external features, structure of different systems and their functions, pest management, significance of pest damage, pest identification, their damage and control, integrated pest management.

09. **Micro-biology:**

Micro-organisms and agricultural environment, bio-technology applications in agriculture, soil-living biomass and their effects on agricultural practices.

10. **Biometrics and Applied Statistics:**

Basic knowledge in statistics, agricultural research, analysis of planning, obtaining and analysis of data.

**Note:** It will be compulsory for all the applicants for the stream of Agricultural Research through Open Recruitment to answer only any part of the 02 parts referred to as (A) and (B) above.
ii. Question paper for the stream of Agricultural Development

01. General Agriculture

Climatic zones of Sri Lanka, land development, land preparation and equipment, crop establishment and machinery required for the purpose, soil and soil fertility, nursery and nursery management, planting material, pest control, plant protection, appliances, cropping systems, irrigation methods, integrated farming, protected agriculture, micro-irrigation systems, harvesting and harvesting machinery, post-harvest losses, processing of farm products, factors considered in selecting suitable vegetables, fruits, pulses and cereals for cultivation in specific areas, integrated pest management, integrated plant nutrition systems, Plant Protection Act, Soil Conservation Act.

02. Crop Production:

Agronomy, agro-climatology and ecology, land development and tillage, fundamentals of crop growth and physiology, measurement of crop growth, yield indices, fertilizer recommendations and efficiency, weed biology and control, irrigation agronomy, principles of crop water relationship.

03. Field Crops:

Introduction, ecological requirements, plant species and varieties, growth physiology, physiological principles of yield determination, rice agronomy, crop management and production, highland cereals, legumes, tuber crops and other important field crops (tobacco, onion, fiber and oil crops).

04. Crop Management:

Intercropping, harvesting and processing.

05. Horticultural Crop Production:

Fruit production, nutritional value, social and economic factors, origin and distribution, ecological requirements, cultural practices, application of modern techniques.

06. Fruit, vegetable and flower production:

Nursery management, orchard management, modern techniques in crop establishment and culture, fruit and vegetable crop improvement, fruit and vegetable based cropping systems, post harvest losses, prevention of post harvest losses of fruits and vegetables, biotechnology, local and export markets for fruits and vegetables, present constraints and future strategies, requirements for vegetable production, vegetable based cropping systems, marketing, floriculture, propagation techniques, cultural practices, quality parameters, principles of landscape gardening.

07. Agricultural Extension and Training

Introduction of agricultural extension and objectives, agricultural development and extension, adaptation and diffusion of innovations, communication, teaching methods of extensions, extension approaches used in Sri Lanka, relation between research and extension, preparation of extension programmes, review and evaluation, institutions associated with agricultural extension in Sri Lanka, adult education, training procedure, various techniques used in identifying training requirements, arrangement of lessons, evaluation of training, use of audio-visual devices for training.

08. Seed Technology:

Seed physiology, structure, morphology, germination, viability, seed testing, tests on viability and purity, stages of seed production, seed certification, and seed storage.

09. Apiculture:

Types of bees and hives in a colony, parts of bee boxes, capturing of bee colonies, establishment, dividing, pest and diseases in a bee colony.
iii. Question paper for the stream of Agricultural Economics

01. **Agricultural Production / Economics and Farm Management**:

Importance of farm management in agricultural production, basic concepts, production functions, forms of production functions, production surfaces, ISO-quant, ISO-clines, ISO-revenue lines, principles of resources combination and cost minimization, principles of diminishing returns, substitution and income effects, flexibility and diversification of adjustments of production to meet risk and uncertainty in agriculture, price theory with special emphasis relating to pricing of agricultural products, evaluation of crop – livestock combination, farm site and returns to scale, principles of importance and comparative advantage of family farms, importance of records in determining the strong and weak points in the farm mechanization and incorporation of this information in optimization models.

02. **Agricultural Marketing**:

General principles of marketing, relative importance of such production and marketing, institutions dealing with marketing in Sri Lanka, role of such institutions in influencing the growth of markets, problems facing the marketing of agricultural products in Sri Lanka and principles involved in improving marketing efficiency.

03. **Land Economics**:

Economics concepts as applied to land use, demand for land supply in Sri Lanka, land use planning in Sri Lanka, importance of colonization and settlement programmes in Sri Lanka.

**Second Appendix**

Regulation of the Limited Competitive Examination and the relevant syllabus.

**Question Paper – 1 - Intelligence Test**

A question paper consists of multiple – choice and short questions to assess the knowledge in the language, mathematics and logical ability. Duration 1 ¼ hours. Total number of makes 100.

**Question Paper – 2 – Assessment of Knowledge in Subject Matter**

This is a written aptitude test to assess the knowledge in the relevant subject area. Each applicant may sit for question papers as relevant to the post or posts he/she applies for, chosen from the following question papers. These question papers consist of short questions and multiple choice questions. Duration 02 hours. Total number of marks 100.

**Note:** Subject Matter paper in the Limited Competitive Examination will be prepared mainly focusing on the experiences in the field in accordance with the following syllabus. Examination will be held as determined by the Director General of Examinations.

**Syllabuses in respect of each post are set out below:**

i. **Question paper for the stream of Agricultural Research:**

Applicants shall answer only one out of the two parts referred to in (A) and (B) below, as they wish.


**Part (A)**

01. **Agricultural Botany:**

   Fundamentals of crop classification, fundamentals of crop growth and physiology.

02. **Genetics and Plant Breeding:**

   Mendelian law, population genetics, mutations, molecular genetics, cytogenetics, quantitative genetics, fundamentals of plant breeding, genetic resources protection and bio – diversity, pollination behavior and breeding concepts, incompatibility, mass and pure line selection, commonly used breeding methods and current trends.

03. **Plant Pathology:**

   Types of pathogenic organisms, infections, response of plant to infections, infective methods and fundamentals of their management, current trends in plant pathology and disease management, diagnostic techniques, symptomatology, Koch’s postulate application, modern techniques of diagnosis (ELISA) and current trends.

04. **Fundamentals of Entomology:**

   Fundamentals of classification of animals, structural characteristics of insects, biological information and damage, economic significance of pest damage, estimation of insect population and damage.

05. **Seed Technology:**

   Seed physiology, morphology, dormancy germination, viability, seed tests and tests on purity, stages of seed production, seed certification and seed storage.

06. **Tissue Culture:**

   Theories, requirements and facilities for tissue culture, media, applications of tissue culture systems, protoplast culture, mutagenesis, embryo rescue, in vitro fertilization, genetic transformation, cryopreservation.

07. **Agricultural Chemistry:**

   Fundamentals of biochemistry and practical applications of biochemistry in agriculture, fundamentals of food chemistry and practical applications of food chemistry in agriculture, fundamentals of analytical chemistry and practical applications of analytical chemistry in agriculture.

or

**Part (B)**

01. **Agronomy**

   Agro-climatology, ecology, land development, tillage, fundamentals of crop growth and physiology, measurement of crop growth, yield indices, fertilizer recommendations and efficiency, weed biology and control, principles of irrigation systems, principle of crop soil and water relationship.

02. **Crop Science**

   Physiology of rice, highland grains, pulses, tuber crops and other field crops, vegetative propagation methods of planting, physical chemical and biological methods in crop manipulation, establishment and management of scientific pastures, fundamentals of timber and fruit production.
03. Soil Science

Soil formation, physical and chemical characteristics of soil, soil problems relating to cropping, fertility management of soil, watershed management, plant nutrition, fundamentals of plant classification.

04. Genetics and Plant Breeding:

Fundamentals, Mendelian law, population genetics, mutations, molecular genetics, cytogenetic, fundamentals of plant breeding, genetic resources protection and bio-diversity.

05. Plant Pathology:

Plant infections response of plants to infections, biological control, modern trends in disease management.

06. Fundamentals of Entomology:

Indicated under sub-Para 04 of question paper (A)


08. Entomology:

Economically significant insects in agriculture, their classification, internal and external features, structure of different systems and their functions, pest management, significance of pest damage, pest identification, their damage and control, integrated pest management.

09. Micro – Biology:

Micro – organisms and agricultural environment, bio-technology applications in agriculture, soil-living biomass and their effects on agricultural practices.

10. Biometrics and Applied Statistics:

Basic knowledge in statistics, Agricultural research, analysis of planning, obtaining and analysis of data.

Note: It will be compulsory for all the applicants who apply for the stream of Agricultural Research through Limited Recruitments to answer only any part of the 02 parts referred to in (A) or (B) above.

ii. Question paper for the stream of Agricultural Development:

1. General Agriculture

Climatic zones of Sri Lanka, land development, land preparation and equipment, crop establishment and machinery required for the purpose, soil and soil fertility, nursery and nursery management, planting materials, pest control, plant protection, appliances, cropping systems, irrigation methods, integrated farming, protected agriculture, micro-irrigation systems, harvesting and harvesting machinery, post-harvest losses, processing of farm products, factors considered in selecting suitable vegetable, fruits, pulses and cereals for cultivation in specific areas, integrated pest management, integrated plant nutrition systems, Plant Protection Act, Soil Conservation Act.

2. Crop Production:

Agronomy, agro-climatology and ecology, land development and tillage, fundamentals of crop growth and physiology, measurement of crop growth, yield indices, fertilizer recommendations and efficiency, weed biology and control, irrigation, agronomy, principles of crop water relationship.
03. Field Crops:

Introduction, ecological requirements, plant species and varieties, growth physiology, physiological principles of yield determination, rice agronomy, crop management and production, highland cereals, legumes, tuber crops and other important field crops (tobacco, onion, fiber and oil crops).

04. Crop Management:

Intercropping, harvesting and processing.

05. Horticultural Crop Production:

Fruit production, nutritional value, social and economic factors, origin and distribution, ecological requirements, cultural practices, application of modern techniques.

06. Fruit, Vegetable and Flower Production:

Nursery management, orchard management, modern techniques in crop establishment and culture, fruit and vegetable crop improvement, fruit and vegetable based cropping systems, post harvest losses, prevention of post harvest losses of fruits and vegetables, biotechnology, local and export markets for fruits and vegetables, present constraints and future strategies, requirements for vegetable production, vegetable based cropping systems, marketing, floriculture, propagation techniques, cultural practices, quality parameters, principles of landscape gardening.

07. Agricultural Extension and Training

Introduction of agricultural extension and objectives, agricultural development and extension, adaptation and diffusion of innovations, communication, teaching methods of extensions, extension approaches used in Sri Lanka, relation between research and extension, preparation of extension programmes, review and evaluation, institutions associated with agricultural extension in Sri Lanka, adult education, training procedure, various techniques used in identifying training requirements, arrangement of lessons, evaluation of training, use of audio-visual devices for training.

08. Seed Technology:

Seed physiology, structure, morphology, germination, viability, seed testing, tests on viability and purity, stages of seed production, seed certification, and seed storage.

09. Apiculture:

Types of bees and hives in a colony, parts of bee boxes, capturing of bee colonies, establishment, dividing, pest and diseases in a bee colony.

iii. Question paper for the stream of Agricultural Economics:

01. Agricultural Production, Economics and Farm Management:

Importance of farm management in agricultural production, basic concepts, production functions, forms of production functions, production surfaces, iso-quants, iso-clines, iso-revenue lines, principles of resource combination and cost minimization, principles of diminishing returns, substitution and income effects, flexibility and diversification of adjustments of production to meet risk and uncertainty in agriculture, price theory with special emphasis relating to pricing of agricultural products, evaluation of crop – livestock combination, farm site and returns to scale, principles of importance and comparative advantage of family farms, importance of records in determining the strong and weak points in the farm mechanization and incorporation of this information in optimization models.
02. **Agricultural Marketing:**

General principles of marketing, relative importance of such production and marketing, institutions dealing with marketing in Sri Lanka, role of such institutions in influencing the growth of markets, problems facing the marketing of agricultural products in Sri Lanka and principles involved in improving marketing efficiency.

03. **Land Economics:**

Economics concepts as applied to land use, demand for land supply in Sri Lanka, land use planning in Sri Lanka, importance of colonization and settlement programmes in Sri Lanka.

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**Third Appendix**

**First Efficiency Bar Examination for the Officers in Grade III.**

**Syllabus and the Question Papers**

01. This examination will consist of 03 papers as follows:

- Paper (I) - Finances (1½ Hours)
- Paper (II) - Administration (03 Hours)
- Paper (III) - Organization of Agriculture in Sri Lanka (03 Hours)

02. The Officers of the Sri Lanka Agricultural Service appearing in papers I and II shall sit these papers at the first Efficiency Bar Examination for the officers of the Sri Lanka Agricultural Service conducted by the Commissioner General of Examinations annually. The Commissioner General of Examinations will notify the dates and the time table relating to this examinations. It will be the responsibility of the applicants to apply for the said examinations in time in accordance with the Gazette notifications published by the Secretary to the Ministry of Agriculture calling application for the examination. The Director General of Agriculture will conduct the examination in respect of the paper III. The Director General of Agriculture will notify the dates and time tables in respect of this examination by the annual examination time table of the department. It will be the responsibility of the applicants to apply for the examination in time in accordance with such notifications.

03. Candidates shall be required to secure a minimum of 40% of marks for a pass in each paper.

04. The Officers may take up the 03 papers on one and the same occasion or on separate occasions, as they wish.

**SYLLABUS**

**Paper-I- Finances**

The examination in finances will be based on the following:

(a) The Financial Regulation of the Government of Sri Lanka, Part I (Except Chapter X);

(b) The estimates of the current year, e.g. their arrangement; Heads, The Finance and Appropriation Acts;
Note :-
Candidates will be required to obtain 40% of the total marks for a pass.

**Paper – II - Administration**

The examination in administration will be based on the following:

- (a) Office and Field Organization methods.
- (b) The Establishments Code: Chapters V, VI, VII, IX, XIII, XXV, XXVI, XXVII, XXVIII, XXIX, XXX, XXXI, XXXII, XXXIII, XLVII, XLVIII, Procedural Rules approved by the Public Service Commission.

Note
Candidates will be required to obtain 40% of the total marks for a pass.

**Paper III**

**Organization Of Agriculture In Sri Lanka**

**PART I – PUBLIC SECTOR AND FORMULATION OF AGRICULTURAL POLICY AT NATIONAL LEVEL**

1. Ministry in charge of the Subject of Agriculture and its functions.
2. Structural set up of the Ministry and its responsibilities.

Policies pertaining to:
Agricultural development, land tenure and land reforms, input supplies and output disposal, import and export of agricultural products and agricultural machinery, plant importation, agricultural production, pricing of agricultural products and price supports and supplies, acts and laws implemented by the development of agriculture pertaining to land ownership and land use policies and policies regarding agricultural credit, all Departments and Boards and Institutions under the Ministry of Agriculture.

**PART II -** A study on other Ministries and Public sector institutions, concerned with agricultural development, the provisions in relevance to agricultural development, the objectives and functions of various organizations and institutions concerned with agricultural development.

Ministry of Rural Industries Development, Department of Animal Production and Health, National Livestock Development Board, Department of Co-operative Development, Ministry of Plantation Industries, Tea Board of Sri Lanka, Rubber Research Institute, Coconut Development Authority, Mahaveli Authority, Provincial Council System, District Administration, Universities of Sri Lanka, Banking Systems and Finance Institutions of the public sector, Department of Agrarian Development, Agrarian Centers (Their role in agricultural and livestock development).

**PART III - PRIVATE SECTOR**

1. Export Agricultural Enterprises
    (a) Tea
    (b) Rubber
    (c) Coconut
    (d) Export agricultural crops
    (e) Other agricultural products
2. Domestic Agriculture
   (a) Paddy
   (b) Highland crops including horticultural crops
   (c) Other agricultural crops.

3. Organizations of the Private Sector (Non-Governmental)
   (a) Collective, Co-operative and group farms
   (b) Owner operated farms according to size classification

4. Banking Systems and Finance Companies of the Private Sector
   (a) Their role in agricultural and livestock development

PART IV - FORMULATION, IMPLEMENTATION AND EVALUATION OF AGRICULTURAL DEVELOPMENT AND PRODUCTION PROGRAMMES

1. Agricultural development and the role of agricultural planning.
2. Procedures of planning and programming.
3. Preparation of agricultural projects and introduction.
4. Implementation procedures
5. Progress monitoring and evaluation.

Fourth Appendix

Syllabus and question papers of the Second Efficiency Bar Examination for Officers in grade II.

Particulars on Second Efficiency Bar Examination are given below.

01. The Second Efficiency Bar Examination on Agricultural Science as referred to in sub-Para 8.3 of the Minute on the Sri Lanka Agricultural Service will be held annually by the Department of Agriculture.
02. This examination will consist of two parts, a candidate is permitted to sit both parts together or separately, but he/she should complete the examination within a period of three consecutive years.
03. Part-I of the examination will consist of two papers and each paper will be of three hours duration and every candidate should pass both papers. A candidate should secure a minimum of 40% of marks in each paper for a pass.
04. Part II of the examination will consist of seventeen papers and each paper will be of three hours duration. Every candidate should pass two papers. A candidate should secure a minimum of 40% of marks in each paper for a pass.
05. A candidate will be allowed to sit only one paper out of papers 3, 7 and 8 in part II.
06. Parts I and II of the Second Efficiency Bar Examination will consist of following papers.

   Part-I:
   - Paper - 1 - Agricultural Development
   - Paper - 2 - Crop Production
07. The syllabuses of each question paper referred to in above Para 06 are given below.

SYLLABUSES OF QUESTION PAPERS RELEVANT TO FIRST PART OF SECOND EFFICIENCY BAR EXAMINATION

PAPER-I

Agricultural Development:

Nature and significance of the Agricultural sector in the economy of Sri Lanka:-

Main problems of Agriculture in Sri Lanka, dual nature of the agricultural sector in Sri Lanka and the importance of each individual sector, laws relating to agricultural productivity, agricultural marketing in Sri Lanka, problems facing the peasant farmers in Sri Lanka, agricultural institutions concerned with agriculture and their impact on agricultural development in the country, importance of agricultural trade and Sri Lanka’s position in International trade in agriculture.

PAPER - II

Crop Production:
Principles of Crop Husbandry:
Classification, distribution, identification and cultivation of important grain crops, legumes, fiber and forage crops, other economic crops with emphasis on the principles of crop production, cultivation, distribution, storage, classification and improvement of crops including rice, maize, sorghum and millets.

Pasture and Fodder Crops:
Methods of establishment, management, conservation, utilization, weed control and cultivation of nutritious forage plants and pastures and fodder and pasture with good characteristics and their characteristics.

Seed Technology:
Seed purity, seed testing, germination, identification of basic elements of seed grading with an introduction to seed dormancy and equipments and seed evaluation, characteristics of crops, weeds, diseases and other factors effect on seed quality.

Fundamentals of Soil Science:
The origin, formation, composition and classification of Sri Lanka soils and the principle chemical, physical and biological properties of soils in relation to plant growth, soil productivity and land use, practical management of soils and fertilizer usage.

Irrigation Principles:
Water sources, irrigation water and use of irrigation water, surface and sprinkler irrigation systems, layout and management of water sources.

Soil Management and Conservation:
Use of principles of soil management with emphasis on improvement and maintenance of soil productivity, problems associated with erosion, drainage, flood protection and irrigation, fruit production, fruit cultivation with special emphasis on pineapple, mango, passion fruit, citrus, banana and other tropical fruits.

Vegetable Production:
Production and marketing of exotic and local vegetables, integration of crops with livestock production at farm level.

SYLLABUSES OF QUESTION PAPERS RELEVANT TO SECOND PART OF SECOND EFFICIENCY BAR EXAMINATION

Paper-1 - Agricultural Extension and Education:
Part (a) - Agricultural Extension:
Principles of extension in Agriculture, extension as an approach to rural development, extension advantages and disadvantages of the different methods and systems, study of different techniques like demonstrations, field trips; lecturing, participative learning programmes, problem solving, exhibitions etc.

Different systems of extension: Preparation of past and present extension programmes, monitoring and evaluation of the programmes, implementation of programmes, communication in Agriculture, what is communication? use of communication principles in relevance to extension, use of teaching materials and aids, the role of mass media in extension, its potential, present drawbacks and limitations, rural sociology, definition of culture, society, social changes, village level social institutions, community and group leaders, group dynamics, leadership styles and managers, extension execution, principles in agricultural development, implementation of programmes, problems associated with the development of extension organization, solving the problems faced by farmers in adoption practices, supporting institutions and organizations in agricultural extension, young farmers movements, village level organizations like MPCS and ASC, the role of other departments that involve in agricultural development, District Development Councils, voluntary organizations etc.
Part (b) – Agricultural Education and Training:
Elementary psychology, elementary sociology, vocational education in agriculture, selection and organization of teaching content and methods of teaching, adult education in agriculture with particular reference to farmer training, developing programmes for young and adult farmers and effective methods of teaching, In-service training, assessment of training needs, formulation of training programmes, training techniques and assessment of results.

Paper 2- Soil and Water Management:
Physical properties of soil, effects of environmental and cultural factors on soil structure, aggregate stability and its evaluation, factors responsible for soil erosion, effects of soil erosion on soil properties, erosivity and erodibility, erosion problems in irrigated lands, open channels, streams and water sheds, methods of soil and water conservation, basic mechanics of soil water movement, forces involved in unsaturated movement of water in soil and field usage, design of water applications, construction and operation of water applications using design parameters, preparation of land for irrigation, sources of water for irrigation, development of irrigation, development and conservation of surface water supplies, ground water and development of water resources, determination and estimation of consumptive use of crops, Lysimeter and other measurement techniques, drainage criterion, principles and methods of drainage, type of drainage systems, layout of farm drains and drainage requirements of lands with irrigation facilities and farms.

Paper 3- Plant Protection: (A candidate sitting for the paper 3 is debarred from sitting for papers 7 and 8)
Identification of economic pests of rice, vegetables and fruits and major pests of plantation crops in Sri Lanka and their classification up to family, the causes for pest outbreaks and their special disposition, methods of sampling and estimating insect population, recognition of plant injury inclusive of insect toxins and insect transmission plant diseases, the principles of insect control, the various methods recommended for specific pests and the practice of integrated pest control, insecticides, their usage and limitations, preparation of spray solutions and precautions should be followed in handling and spraying them on crops, care for the proper maintenance of a sprayer and a duster, analysis and forecasting of epidemics, plant diseases, survey, assessment and estimation of crop loss.

The main types of diseases:
Damping off, seedling blights, root rots, wilts, mildews, rusts, smuts, blights, anthracnose, leaf spots, leaf curl, club root, galls, cankers, scab, mosaics and yellows. Etiology and control of economically important diseases of crops in Sri Lanka.

Epidemiology:
Pathogen, host and environmental factors, forecasting of epidemics, disease control, exclusion, eradication, legislation and quarantine, disease control through protective measures, pesticides, their application and mode of action, disease control through host resistance, breeding for disease resistance.

Weed Science:
Occurrence and reproduction of weeds in lowland and highland conditions, principles of weed control, mechanical, biological and chemical methods, properties and functions of herbicides, selective and non-selective herbicides and their application, weed and crop seed certification.

Fungicides:
Chemical nature, formulation and methods of application of the common sulphur fungicides, copper fungicides, mercury fungicides, carbonate fungicides, soil fumigants, methods of fungicidal action, compatibility of fungicides and insecticides.
Paper 4 - Seed Technology

Part (a) - Production of Seed and Planting Material

Seed production:
Principles of seed production, importance of quality seed production, seed producing areas, climatological requirements for seed production, reproduction methods, induction and initiation of flowering, principles and methods of seed production in self and cross pollinated crops, hybrid seed production and pollination problems, preparation of seed beds, sowing and application of fertilizer, application of herbicides, application of pesticides, weed control, pest and disease control, cultural practices relating to crop husbandry including harvesting and threshing, economic factors of seed production, seed processing and storage, seed cleaning, treating, drying, conditioning, grading, packaging, distribution and storage with special emphasis on minimizing or preventing the damage to seed at all stages.

Viability and Sampling:
Preparation of seed stocks, and seed sampling, causes for heterogeneity and detection of them, statistical tolerance and advantages.

Part (b) - Seed Science and Technology
Seed physiology, seed structure, seed morphology, pollination, seed formation and seed development, maturity, ripeness, correct stage for harvest, viability and germination, seed vigor, seed dormancy.

Seed Pathology:
Seed insects, fungi and other organisms, including rodents which infect seed in stores and field.

Principles of plant quarantine:
control of seed diseases, testing of seed, rules and techniques in laboratory analysis on analytical purity of seed lots, identification of impurities, weed seed, pure seed, inert matter, determination of moisture content, varietal purity, sundry seed characters, determination of viability, percentage of germination, abnormal growth etc and vigor in laboratories.

Seed certification:
Importance of varietal purity, determination of it in the field, field inspections, procedures and standards, prevention of contamination during multiplication of different seed, generation through various certification classes in different certification methods, principles and policies of seed quality control, seed pricing, marketing channels, cost margins etc.

Paper-5 - Agronomy

Physical, chemical and biological basis for the adaptation of soil management systems for crop production to meet the needs of soil groups in Sri Lanka, it is emphasised on principles of soil fertility, water, tilt and land preparation for crop production, and various practices for their application, advanced knowledge on the principles relating to field crop growth and knowledge on the principles relating to field crop growth and recognition of their growth and maturity, species, adaptation of them to the agro-ecological zones of Sri Lanka and cropping systems, weed control, principles, chemical action herbicides on weed control with emphasis on weed ecology, control of weed in all major annual crops.

Paper-6 - Agricultural Chemistry

Nature and properties of mineral and organic constituents of soils, ion exchange phenomena, cation exchange reaction and exchangeable bases, Redox potential and chemistry of submerged soils, soil alkalinity and acidity, salinity and salino soils, non-inorganic plant nutrients(minerals) in the soil, soil survey, systems of soil classification, soils of Sri Lanka and their classifications, micro and macro organisms in soils and their influence on soil properties, soil organic matters and their properties, methods of soil and plant analysis, physical, chemical and biological aspects of soil fertility, nature of fertilizers,
organic manures and their substitutes, basis of fertilizer recommendation and applications, use of radio active trace techniques in soil and plant nutrition, symptoms of deficiency and toxicity soil, correction of major and minor element deficiencies, chemistry and mode of action of insecticides, fungicides and weedicides, soil agro-chemical relation- ship in different type of formulations, effect of agro-chemicals on soil microflora and fauna, degradation of agro-chemicals, chemical analysis of agro – chemicals.

**Paper 7 - Entomology**

(A candidate sitting for the paper 7 is debarred from sitting for papers 3 and 8.)

Structure, characteristics and descriptions of head capsule, antennae, mouth parts, thorax and abdomen of mature and immature insects used in explaining principles and methods of classification of insects up to the family and making keys, Insect integument and excretion, structure and function of respiratory and nervous systems, biology, ecology and systems of economically important pests in cultivated crops in Sri Lanka and their distribution in Sri Lanka, biology and ecology of economically important plant parasitic nematodes, mites and rodents, principals and methods of pest control and current trends, specific characteristic of different types of insecticides, their usage and limitations, specific experimental methods used in field and laboratory experiments, pest control methods and alternative bio control, integrated pest management, usage of pheromones etc.

**Paper 8 - Plant Pathology**

(A candidate sitting for the paper 8 is debarred from sitting for papers 3 and 7)

Definition of disease in plants, causes of diseases, parasitic and non – parasitic diseases, characteristics and classification of the major groups of causal agents, observations, isolation, identification and investigation of causal agents, knowledge of methods and techniques in plant pathology.

**Symptomatology - The main types of diseases**

Damping off, seedling blights, root and foot rots, wilt, mildews, rusts, smuts, blights, anthracnose, leaf spots, leaf curl, club root, galls, cankers, scab, mosaics and yellows, post harvest and market diseases, seed borne diseases, etiology and control of diseases of economically important crops in Sri Lanka, penetration into host and establishment of pathogens, factors affecting infection, enzymes and toxins associated with diseases, alteration in metabolism of infected plants, disease resistance, escape from diseases.

**Epidemiology –**

Pathogens, host and environmental factors, forecasting of epidemics, plant disease survey, assessment and estimation of crop losses, disease control through exclusion and eradication, legislation and quarantine, disease control through protection, pesticides, their application and mode of action, disease control through host resistance, breeding for disease resistance.

**Paper 9 - Horticulture**

Establishment and management of horticultural crops (fruits, flowers and vegetables), propagation of horticultural crops, sexual methods and asexual methods, methods / techniques of asexual propagation, stock scion relationship, flower and fruit induction in horticultural crops, commercial fruit growing and factors promoting its success, seasonal and regional distribution of fruits in Sri Lanka,

special emphasis should be given on following crops:

- citrus, sapodilla, avocado, mango, papaw, pineapple, banana, guava, passion fruits, jack, grapes. harvesting, handling, processing and storage of horticultural crops, cultivation of local and exotic vegetables under irrigated and rain fed conditions, at commercial level and in home gardens.
Paper 10 - Agricultural Production Economics and Farm Management

Importance of farm management in agricultural production, basic concepts – production function, forms of production functions, production surfaces, iso-quants, iso-clines, iso-revenue lines, principles of resource combination and cost minimization, principle of diminishing returns, substitution and income effects, risk and uncertainty in agriculture, adjustment of production to meet uncertainty, flexibility and diversification, price theory with special emphasis relating to pricing of agricultural products.

Evaluation of crop-livestock combination, farm size and returns to scale, importance and objective of family farms, principles of comparative advantage, importance of records in determining the strong and weak points in the farm organization and incorporation of this information in optimization models.

Paper 11 - Agricultural Marketing

Part I – Marketing

General principles of marketing, relative importance of production and marketing, institutions dealing with marketing in Sri Lanka, role of such institution in influencing the growth of markets, problems facing the marketing of agricultural products in Sri Lanka and the principles involved in improving marketing efficiency.

Part II – Land Economics

Economic concepts as applied to land use, demand for land in Sri Lanka and supply, land use planning in Sri Lanka, importance of colonization and settlement programmes in Sri Lanka.

Paper 12 - Plant Breeding and Genetics

Role of chromosomes in evolution and breeding, genetic mechanism for controlling important morphological, physiological and bio-chemical traits of major plant crops, quantitative inheritance and heritability, genetics and pathogenicity, host-pathogen relationships and host insect-pest relationship, methods of plant improvement in relation to breeding methods, special plant breeding techniques, breeding for parameters of yield, systems of cultivation, tolerance to physiological stresses and resistance to diseases and insect pests, new methods of crop plant breeding.

Adaptation of genotypes under different management levels, and varying seasonal and agro-ecological conditions, the influence of genetics and environmental functions on yield and the components of yield, conservation and utilization of plant genetic resources.

Paper 13 - Plant Physiology:

(a) Synthesis and Growth of Crop Plants:

Photosynthesis systems and physiology of photosynthesis, vascular translocation, path-ways, mechanisms and distribution pattern.

(b) Growth Regulators:

Their distribution and metabolism and mechanism of metabolism, their role, regulatory functions in relation to growth and development.

(c) Development

Germination and dormancy, juvenility, maturity and senescence, flowering, fruiting, tuber and bulb formation.

(d) Environmental factors and their role in plant growth and development.
Paper 14 - Agricultural Engineering

Part I

Watershed Management and Irrigation:
Surface and ground water resources in Agriculture, principles of soil and water management, disasters and methods of controlling them, economics on watershed management;

Water resources and Soil Management:
Water relation, water requirement of crops, surveying and leveling of lands for irrigation, land development, irrigation methods, surface water supplies, supply of water on canopies, drip irrigation, irrigation systems and structure, planning of irrigation, efficient water management, quality of irrigated water, measurement of irrigated water, adoption of irrigation technology as suitable to the field.

Measurement of water flow, water flow controlling structures, gravitational and elevator irrigation systems, losses in water supply, requirements of water supply, efficiency of water supply, formulation of water supply time–table, dividing of water supply, water supply formations, rehabilitation, crop diversification for water supply management, water management policies in Sri Lanka.

Part II - Farm Mechanization

Role of Farm Mechanization:
In time cropping, improvement of the speed of harvesting, quantitative improvement of the quality of products, minimizing of harvesting losses, minimizing of losses occurred before and after harvesting, maximum utilization of water, attraction of young generation towards agriculture, solving of labour issues.

Machines and equipment used, working principles and specific needs, land preparation (preliminary land preparation, secondary land preparation and preparation of seed beds), planting (seed planting and planting), crop management (weeding, pest control, use of pesticides), irrigation (furrow, flood and micro), harvesting (paddy harvesters, paddy thresher, combine harvester, fruit harvesting devices), grain processing (de husking, cleaning and dividing)

Availability of farm energy sources and limitations (animals, tractors, machinery, power, regenerative energy sources)

Installation of internal combustion engines (four-stroke, two stroke, petrol and diesel) and their operational principles, regenerative energies (wind and solar), priming methods, energy transmission methods in agricultural machinery and tractors.

Methods of fixing, adjusting and maintaining of machinery (plough ect.) used for land preparation, establishment of machinery (seeders, trans planters), crop management (weeders, sprinklers, water pumps, micro irrigation equipment), harvesting and threshing (paddy harvesters, multi–crop threshers small and high capacity), threshers (small and high capacity threshers, combine harvesters), grain processing.

Precautionary instructions on farm machinery, cost-benefit evaluation of farm machinery, storage methods of legume seeds and grains, storage losses and methods of preventing from such losses, drying methods of vegetables/ fruits/ grains, drying machinery, drying in the sun light (direct drying equipment).

Value–added technologies, dehusking and dividing, packaging, packaging in tins and bottles, protective methods of transportation, oil extracting methods and machinery specific for different seeds.
**Paper 15 – Floriculture and Landscaping**

**Part I-General Floriculture**

Propagation of ornamental plants:

Ornamental trees, shrubs, herbs and creepers, nursery management and techniques for ornamental plants, maintenance and care of lawns, borders, beds, rock gardens, and other ornamental features, care, maintenance and preservation of trees, tree surgery, elementary plant taxonomy, cultivation of the main floricultural crops such as orchids, anthuriums, roses, cannas, dahlias and annually flowering trees, cultivation of medicinal plants, plant protection and control of pest diseases, knowledge of economic plants of minor importance.

**Part II–Urban Horticulture and Landscaping**

Principles of garden layout, types of landscape design, layout of lawns, beds, borders and special features of rock gardens, Japanese gardens, water gardens etc. garden layout for planting trees on road sides, botanical gardens, planning of home gardens, office premises etc.

**Paper 16 – Food Science.**

Flavoring agents such as starch, lipids, vitamins, minerals and other cooking components in foods, their chemical changes and interaction among them, relation between water and water contain in foods.

**Enzymes and Enzymology:**

Changes caused by enzymes in foods, cellulose metabolism in foods, other metabolic agents in amino acids and lipids,

**Micro–organisms:**

Types of micro–organisms, microbiology, microbiological methodologies, culture of micro–organisms and staining of micro–organisms, micro–organisms in foods, harmful and beneficial micro–organisms, control of micro–organisms in foods, food production, structural characteristics of main nutrient constituents, grain and other starch containing foods, milk products and products containing fats, fish and meat products, decomposition of fruits and vegetables, causal factors of food spoilage, heat treatment, dehydration, deep freezing.

**Paper 17 – Nutrition and Health Science**

Function of foods and common composition, starch, basic structure of fats and proteins, energy requirements and sources, amino acids and protein requirements, sources of proteins, function of vitamins and minerals, requirements and sources of balanced diet, energy yielding food, digestion, absorption and exchange of nutritive matter, metabolism of energy yielding foods, nutrition and anemia, disposal of production wastes, concept of balanced diet.

**Grains:**

Composition, loss of nutrition during processing and cooking, deficiencies in cereal diet, composition and usage of other starch meals, composition and usage of legumes, formations during cooking and relative quality of different legume foodstuff, oil seeds and nuts, vegetables and fruits, milk and milk products, composition and nutrition value of meat, fish and eggs, toxins in foods, use of food data, Sri Lankan meal, nutrition requirement during the period of growth from embryo to fetus, infant, child and up to adult, nutrition requirement during pregnancy and breast feeding, nutrition requirement of aged person, inter-relation of nutrition with sanitary and spread of diseases, other effects associate with a nutrition deficiency diseases, epidemiology on nutritional defects and meals as a family and a person, effect of culture, tradition, water and access to fuel and time on food consumption, inter-relation between diseases and nutritional condition.
Supply of meals to Home:

Food habits and concepts, decision making inside the home, impact of number of family members, gaps among births, traditional knowledge and education, evaluation of community and personal nutritional condition, problems relating to the collection of food samples from food stored in homes and food consumed by members of family and a person and interpretation of data.

Criterion of the different stage in a food system: application of home nutritional condition indicator, existing nutritional data, collection of nutritional condition data from groups of regional, social and economical organizations of rural and estate sector, concept of declaration of malnutrition against risk and trend, socio-economic relations associate with growth of population, control of population.

Summarization of past and present main nutrition and health policies, provisions made through these policies towards nutrition and health condition, rice ration, food stamp, primary health protection network, effect of International Rural Development Project (IRDP) of Mahaweli Project on food systems and nutrition condition etc., inter – relations at district / divisional level and home level, communication network, exchange of ideas to higher ranks.

Involvement of nutrition and health sectors in Sri Lanka, review of previous projects and future projects.

Fifth Appendix

* Requirements to be fulfilled by the Officers for the pass in third Efficiency Bar.

* Completed a written research thesis recognized by the committee for Deciding the Recognition of Post – Graduate Qualifications of the Department of Agriculture.

* The composition of the Committee for Deciding the Recognition of Post – Graduate Qualifications is as follows:

(1). Director General of Agriculture (Chairman)
(2). A representative of Secretary to the Ministry in – charge of the subject of Agriculture. (Member)
(3). Director of Post Graduate Institute of Agriculture, University of Peradeniya. (Member)
(4). Dean of the Faculty of Agriculture, University of Peradeniya.(Member)
(5). Executive Director of the Sri Lanka Agricultural Research Policy Council. (Member)

Sixth Appendix

Application for the Promotion to Grade II / Grade I of the Sri Lanka agricultural service (should be filled by the applicant himself/ herself)

01. (a). Name of Applicant with Initials :-
    (b). Full Name of Applicant :-
02. Date of Birth :-
03. Present official Address :-
04. Recruitment Designation :-
05. (a). Date of Appointment to class II, Grade II or Grade III of the Sri Lanka Agricultural Service :-
(b). Date of Appointment to Grade II of the Sri Lanka Agriculture Service :-
(c). Method of Recruitment :- Limited/Open

06. Salary scale Assigned to Your Post :-

07. (I). Present Salary scale :-
(II). Particulars on reaching the above Salary scale :-

08. Particulars on the Prescribed Efficiency Bars

<table>
<thead>
<tr>
<th>Efficiency Bars and Date of Reaching</th>
<th>Date of Completing the Examination or Degree</th>
<th>Date of Promotion over Efficiency Bar</th>
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09. How did you fulfill the qualifications for the promotion over …………. Efficiency Bar ?
   i. Obtaining post graduate qualifications.
   ii. Passing Efficiency bar examinations (write off the words inapplicable and indicate the references of letters)

10. Have you earned all salary increments falling due during last five years ?

11. Have you been subject to any disciplinary punishment during the period of five years before qualifying for the promotion? Indicate the schedule of the volume II of the Establishments code to which the offence included in and the date of committing the offence.

12. State the particulars of no-pay leave availed by you from your first appointment.

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<thead>
<tr>
<th>Period of No-pay leave From - To</th>
<th>Total period Years</th>
<th>Total period Months</th>
<th>Total period Days</th>
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13. i. Date of completing a period of ten year /seven year active service after deducting the period of no-pay leave indicated in the paragraph 12 above.
   ii. Date of completing the qualifications as per paragraph 10 above.
   iii. Date of completing the qualifications subject to the above paragraph.

14. Date of applying for promotion to Grade II / Grade I of the Sri Lanka Agricultural Service.

15. I hereby certify that I have fulfilled the all qualifications for the promotion to Grade II/ Grade I of the Sri Lanka Agricultural Service from the date mentioned under paragraph 14 above, and the particulars furnished by me from paragraph 1-14 above are true and correct to the best of my knowledge.

                      Date: .........................
                      Signature of Applicant

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