

01. (i) Name with initials :
(a) In Sinhala/Tamil : _____.
(b) In English : _____.
- (ii) Names denoted by the Initials :
(a) In Sinhala/Tamil : _____.
(b) In English : _____.
- (iii) Date of Birth :
Year : _____, Month : _____, Date : _____.
- (iv) Age at closing date of applications :
Years : _____, Months : _____, Dates : _____.
- (v) National Identity Card No. :

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02. (i) Permanent Address :
(a) In Sinhala/Tamil : _____.
(b) In English : _____.
- (ii) Official Address (In the case of a Public Officer he/she should give his/her official address. Any change in the address should be notified immediately) :
(a) In Sinhala/Tamil : _____.
(b) In English : _____.
03. Sex (Indicate the relevant letter in the cage) :
Male - M

Female - F
04. Medium of Examination (Indicate the relevant letter in the cage) :
Sinhala - S

Tamil - T

English - E
05. Whether you are a citizen of Sri Lanka? (Indicate the relevant word in the cage) :
Yes/No
06. Educational Qualifications (for open candidates) :

Degree/ Degrees obtained	Academic year and the effective date of the Degree (Indicate clearly)	University	Subjects	Pass	Medium
1. Four-year Degree in Agricultural Science					
2. Three-year Degree in Agricultural Science					

3. Four-year Degree in Science					
4. Three-year Degree in Science					
5. Two year Post graduate Degree (with a Thesis)					

07. Whether you have sat the open competitive recruitment examinations of the S. L. Ag. S. before ?

If so indicate the year : _____.

08. Qualifications for the candidates of the Limited Competitive Examination and the question paper selected - indicate the qualifications obtained for eligibility to sit the examination in terms of paragraph 07 of the *Gazette notification*.

Present Post:	Post eligible to be recruited under limited recruitment	Date of obtaining Eligibility to apply for the post of
1. Agricultural Experimental Officer		for the post of
2. Research Assistant	1. Research Officer	Agricultural Officer,
3. Soil Surveyor	2. Agricultural Officer	Research Officer or
4. Land Evaluation Officer	3. Economist Assistant	Economist (Date of eligibility as per
5. Agricultural Instructor		07.01 above).
6. Garden Assistant		
7. Economist Assistant		

09. Have you been convicted in a Court of Law for any offence ?
Yes/No. If convicted furnish particulars : _____.

10. A Money Order to the value of Rs. 250 drawn in favour of the Director General of Agriculture being the examination fee should be affixed in a corner so as to be detachable. (The Money Order No., the Post Office and the date should be indicated here) :

Money Order No.	Post Office	Date

11. Declaration of the Applicant :

I hereby certify that the particulars given by me in this application are true and correct. I am also aware that if any particulars are found to be false or incorrect I am liable to disqualification before selection and to dismissal with immediate effect, if detected after the appointment. I am well aware that I will be held responsible for any lapse caused while preparing the application.

_____,
Signature of Applicant.

Date : _____.

(If the applicant is employed in a Government Department/ Corporation, the application should be forwarded through the Head of the Department/Corporation, with the following certificate).

Attestation of the Applicant's Signature

I certify that the applicant Mr./Mrs./Miss is known to me personally and that he/she placed his/her signature in my presence this day of 2004. Mr./Mrs./Miss. is employed in this Department/Corporation and I certify that his/her work and conduct are satisfactory and that there is/there is no disciplinary action pending against him/her. If he/she is selected he/she can/cannot be released.

_____,
Signature of the Officer.

Date :_____.

Attesting

Full Name of the officer attesting :_____.

Designation :_____.

Address :_____.

(If the applicant is one who applies for the Limited Competitive Examination he/she should forward his/her application certified as given below.)

Certificate of the Head of Department/Secretary, Provincial Council

I certify that Mr./Mrs./Miss is employed in this Department/Provincial council as a and that his/her work and conduct are satisfactory and since he/she had fulfilled all requisite qualifications relevant to the post as per paragraph 07.1, I certify that he/she is eligible in all respects to apply for the post and that there is/there is no disciplinary action pending.

_____,
Signature and the Official Seal of the
Director/Secretary, Provincial Council.

Name :_____.

Designation :_____.

Address :_____.

Date :_____.

Syllabuses in respect of each post are enumerated below :

I. *Question Paper for the Post of Research Officer.*— Applicants should 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, polination behaviour and breeding concepts, incompatibility, mass and pure line selection pedigree, bulk and backcross methods of breeding, genetic designs, breeding methods of paddy, chilli, grains and vegetables, current trends.

03. Plant Pathology :

How pathogens infect, plant response to infection, infective methods and fundamentals of their management, current trends in plant pathology and disease management, diagnostic techniques, symptomatology, Koch's postulate application, inoculation techniques, detection and diagnosis of plant pathogens using modern techniques ELISA, serology DNA printing etc., current trends.

04. Fundamentals of Entomology :

Fundamentals of classifications of insects, structural characteristics, biological information and damage, economic significance of pest damage, estimation of insect populations and damage.

05. Seed Technology :

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

06. Plant Tissue Culture :

Theories, requirements for tissue culture facility, media, tissue culture systems, applications of tissue culture, protoplast culture, mutagenesis, embryo rescue in vitro fertilization, genetic transformation, cryopreservation ; 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 water supply schemes, principles of crop water relationship.

02. Crop Science :

Rice, Highland grains, pulses, tuber crops, physiology of other field crops, growth, propagation methods, planting methods, physical, chemical and biological methods in crop manipulation, establishment and management of scientific pastures, fundamentals of timber and vegetable production.

03. Soil Science :

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

04. Genetics and Plant Breeding :

Fundamentals, Menedelian Law, population, genetics, mutations, molecular genetics, cytogenetics, fundamentals of plant breeding, genetic resources protection and bio-diversity.

05. Plant pathology :

How pathogens infect, plant response to infection, biological management and modern trends in disease management.

06. Fundamentals of Entomology :

Indicated under sub-section 04 of question paper (A).

07. Field Resarch Principles and Statistical Principles and knowledge in important statistics on agricultural sphere in Sri Lanka.

08. Entomology :

Eoonomic significance of insects in agriculture, their classification internal and extenral characteristic feature structure of different systems and their functions.

Pest management, significant 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. Biometrix and Applied Statistics :

Basic knowledge in statistics, experimental designs in agriculture, obtaining and analysis of data.

Note.— It will be compulsory for all the applicants who apply for the posts of Research Officer through open and Limited Recruitments to answer only any one part of the 02 parts referred to in (A) or (B) above.

II. Question Paper for the Posts of Agricultural Officer, Lecturer

01. General Agriculture :

Climatic zones of Sri Lanka, land development, land preparation and equipment, crop establishment, machinery used, soil and soil fertility, nursery and nursery management, planting material, pest and 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, crop management and production, highlands, cereals, legumes, tuber crops and other important field crops (tobacco, onion, fibre 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 improvment, fruit and vegetable based cropping systems, post harvest losses and post-harvest biotechnology of fruits and vegetables, 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.

III. Question Paper for the Post of Agricultural Economist.

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 resources combination and cost minimization, principles of diminishing returns, substitution and income effects, risk and uncertainty in agriculture adjustments 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 significance of family farms, principles of comparative advan-

tage, 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 :

(a) *Marketing*.— General principles of marketing, relative importance of 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 :

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

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EFFICIENCY BAR EXAMINATION AND SECOND LANGUAGE TEST FOR THE OFFICERS IN SRILANKA ADMINISTRATIVE SERVICE, SRILANKA ACCOUNTANTS' SERVICE SRI LANKA SCIENTIFIC SERVICE, SRI LANKA ENGINEERING SERVICE, SRILANKA POLICE SERVICE AND SRILANKA ARCHITECTS' SERVICE-2004

EFFICIENCY Bar Examination and the Second Language Test for officers in the above mentioned Services will be held in Colombo and Jaffna in October, 2004.

02. Time Tables will be prepared enabling the candidates to sit for the both Efficiency Bar Examinations at the same time.

03. Syllabus :

<i>Service</i>	<i>Efficiency Bar Examinations</i>	<i>Date and number of the Gazette notification</i>	<i>Appendix relevant to the Syllabus</i>
Sri Lanka Administrative Service	First Efficiency Bar Examination	07.06.1988 509/07	'C'
	Second Efficiency Bar Examination	-do-	'D'
	Second Language Test		'E'
Sri Lanka Accountants Service	First Efficiency Bar Examination	27.07.2001 1194/26	'B'
	Second Efficiency Bar Examination	-do-	'D'

Officers are allowed to sit for the subjects of the Efficiency Bar Examinations at one sitting or different occasions, if they wish so.

However officers are required to pass the Efficiency Bar Examination within the prescribed period. Action will be taken to conduct Oral Tests for the officers who sit for the Second Language Test at one center.