

## ISP'S NEW SYLLABUS LISP AND AISP AWARDS UNDER THE TECHNICAL EDUCATION SCHEME

The New Syllabus was introduced with effect from 1 January 2017 and in fact, the first exam (of Module I) has been completed. Incidentally, the examinations under the Old Syllabus still continues – and only those who have sat for any exams (from Module I) prior to December 2016 will continue to pursue the Old Syllabus. However, the “cut-off-point” will be six years from January 2017 i.e. it will be December 2022. After this, only the New Syllabus will be in force.

### New vs Old Syllabus

The changes include the following:

#### 1. *Updating of practices and introduction of new topics*

*Number of Topics*

	Old Syllabus	New Syllabus
Module I	6	9
Module II	6	8
Module III	4	7
Module IV	2	5

The new topics encompassed in the New Syllabus include the following:

<i>Module No.</i>	<i>Topic</i>
Module I	<ul style="list-style-type: none"> <li>- Elementary English Language</li> <li>- Elementary Bahasa Malaysia</li> <li>- Information and Communications Technology</li> </ul>
Module II	<ul style="list-style-type: none"> <li>- General Estate Practice – Part A : Establishment of Tree Crops</li> <li>- General Estate Practice – Part B : Maintenance of Mature Stands</li> <li>- Crop Protection</li> </ul>
Module III	<ul style="list-style-type: none"> <li>- Fertilisers and Their Efficient Use</li> <li>- Total Quality Management</li> <li>- Mechanisation</li> </ul>
Module IV	<ul style="list-style-type: none"> <li>- Economics and Market Forecast</li> <li>- Scientific/Technical Report writing</li> <li>- Financial Management - a topic also in the Old Syllabus</li> </ul> <p><i>(Candidates have to choose two (2) topics from the above)</i></p>

Earlier topic now spilt into 2 parts
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***A very important aspect is that new reference (lecture) notes have been specifically produced for almost all the subjects. This should greatly facilitate and assist candidates.***

#### 2. *Evaluation / Examinations*

Under the old syllabus, the full evaluation (i.e.100%) was based on a single written examination per subject. However, for the new syllabus there are two (2) modes of evaluation (except for the final Project work). The evaluation is based on:

- a) Examination – 60% of total marks
- b) Assignments – 40% of total marks

### 3. Assignments / Workshop etc.

The assignments are spread throughout the time frame of each course. A scrutiny of the syllabus will reveal that the assignments follow respective sections of each course.

The objective for the assignments is to ensure that the candidate understands what he/she has studied and can apply the knowledge in their work. Additionally, the assignments also are a form of detailed/applied revision of the section of the course and this will be of great value to the candidates. **The candidates should register early and do their assignments before sitting for the exam. Candidates are given three (3) months duration to complete their assignments and submit to ISP Headquarters before sitting for the examination. In doing the assignment, the candidates are made to revise the subject.**

[In this aspect ISP wishes to appeal to the Senior Plantation Officers to assist young planters in their undertaking of the assignments.]

Some of the expected assignments for the different topics for module I are listed below, as an example

List of assignments for Module I

Module I and Subject	Assignments
Plant Science I	<ul style="list-style-type: none"> <li>i. Survey and list plants (including weeds and cover plants) with different leaf forms in your estate.</li> <li>ii. Survey and list plants with different stem forms               <ul style="list-style-type: none"> <li>- Indicate the stem forms for each plant selected, and name the plant.</li> </ul> </li> <li>iii. Survey and list plants with flowers in your estate               <ul style="list-style-type: none"> <li>- Indicate type of inflorescence</li> </ul> </li> </ul>
Soil Science I	<ul style="list-style-type: none"> <li>i. Based on the soil map of your estate, list the soils present.               <ul style="list-style-type: none"> <li>- select one soil series and indicate the processes that could have operated during soil formation.</li> <li>- Why do you consider it so?</li> </ul> </li> <li>ii. Select 3 major soils present in your estate.               <ul style="list-style-type: none"> <li>- List the major physical properties of each soil.</li> <li>- List the major chemical properties of each soil.</li> <li>- Which soil gives the highest yield and what are the likely soil factors involved.</li> </ul> </li> <li>iii. Evaluate the leaf nutrient status of the major crop in 3 fields (immature, young mature and old mature) in your estate - for current year and 1 or 2 or 3 years earlier.               <ul style="list-style-type: none"> <li>- What factors could be responsible for the differences in the nutrient levels in the crop between the two periods.</li> </ul> </li> </ul>

Elementary English Language	<ul style="list-style-type: none"> <li>i.a. Read a given text at home e.g. a simple article provided.</li> <li>b. Then write a short summary of the above.</li> <li>ii. Write in simple sentences on some activity you do e.g. supervision of weeders, or supervision of harvesters, or marketing for your family on weekends etc.</li> <li>iii. Fill in the blanks in the passage provided etc.</li> </ul>
Estate Safety, Health & Welfare	<ul style="list-style-type: none"> <li>i. What do you think are the hazards existing in your estate (even very minor ones)? <ul style="list-style-type: none"> <li>- What are the reasons for the shortfalls?</li> <li>- How will you try to overcome or minimise the problems?</li> </ul> </li> <li>ii. List the disease/health hazards in your estate (even if minor only). <ul style="list-style-type: none"> <li>- How would you go about reducing the hazards?</li> </ul> </li> <li>iii. List the current status of estate safety and health especially in the field and factory. <ul style="list-style-type: none"> <li>- Indicate possible approaches to improve the situation.</li> </ul> </li> </ul>
Elementary Bahasa Malaysia	<ul style="list-style-type: none"> <li>i.a. Read a given text at home e.g. a simple article provided.</li> <li>b. Then write a short summary of the above.</li> <li>ii. Write in simple sentences on some activity you do e.g. supervision of weeders or supervision of harvesters or marketing for your family on weekends etc.</li> <li>iii. Fill in the blanks in the passage provided etc.</li> </ul>
Principles of Management	<ul style="list-style-type: none"> <li>i. List the management decisions made by you (and those under your supervision) <ul style="list-style-type: none"> <li>- suggest some improvements that could be made</li> </ul> </li> <li>ii. Briefly list/evaluate the human resource management policy in your company/estate. <ul style="list-style-type: none"> <li>- What are your views on the need for changes – if any, if not why do you think no changes are needed.</li> </ul> </li> <li>iii. If you were to run a unit/organisation what sort of management set-up, would you propose.</li> </ul>
English Language and Communication Skills	<ul style="list-style-type: none"> <li>i. Practical exercise e.g. face to face discussion/chats to assess communication skills.</li> <li>ii. Written exercise (précis) <ul style="list-style-type: none"> <li>- To summarise a given article, or report etc. say in 200 words (two or more articles)</li> </ul> </li> <li>iii. Written exercise (Essays) on a given topic. e.g. - on my last holiday, I ... <ul style="list-style-type: none"> <li>- or why I joined the plantation industry etc. (two or more)</li> </ul> </li> </ul>
Information and Communication Technology	<ul style="list-style-type: none"> <li>i. Evaluate the data collection system in your estate and summarise. <ul style="list-style-type: none"> <li>- Suggest improvement, if any</li> </ul> </li> <li>ii. Surf 3 Agencies named e.g. <ul style="list-style-type: none"> <li>- ISP,</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>- A Major plantation Group etc. View data and report on their main activities, features etc.</li> <li>iii. What aspect of IT would you implement (if you were asked to) in your estate?</li> </ul>
Elementary Engineering	<ul style="list-style-type: none"> <li>i. List the important tools and machinery in your estate <ul style="list-style-type: none"> <li>– used in mechanical operations in the field and identify the operation involved.</li> <li>– for each operation evaluate/comment on the benefits over manual work</li> </ul> </li> <li>ii. Identify the areas where: <ul style="list-style-type: none"> <li>a) More mechanisation in field operations would be useful.</li> <li>b) More improvements should be useful in current mechanised operations.</li> </ul> </li> <li>iii. a) Evaluate the current operations in the workshop. b) Indicate and comment areas (operations) where possible improvements could be made and how? e.g. Maintenance of records by computerising etc.</li> </ul>

[Similar details are available for other modules and will be released when and as necessary to registered candidates]

#### Examination Fees

Though there is a large increase in the marking/grading involved, ISP will not be revising the current relatively low fees for the present.

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