

Syllabus
Part I Examination of APC of HKIS LSD
(Revised: March 2013)

1. Syllabus of Part I Examination:

a) Scope

The aim of this examination is to examine the candidate in the *fundamental principles* and *practical knowledge* of the following competence areas:

- i) Cadastral Surveying
- ii) Engineering Surveying
- iii) Topographical Surveying
- iv) Geodetic Surveying
- v) Hydrographic Surveying
- vi) Photogrammetry and Remote Sensing
- vii) Mapping and Cartography
- viii) Geographic Information System
- ix) Utility Surveying

b) The Examination

Duration: 2 hours

Question format: All are multiple-choice questions

Number of questions: 60

<u>Competence Area</u>	<u>Numbers of Questions Set</u>
Cadastral Surveying	15
Engineering Surveying	15
Topographical Surveying	5
Geodetic Surveying	5
Hydrographic Surveying	4
Photogrammetry and Remote Sensing	4
Mapping and Cartography	4
Geographic Information System	4
Utility Surveying	4
Total	60

Answer only 50 questions out of 60 questions

Syllabus
Part I Examination of APC of HKIS LSD
(Revised: March 2013)

c) Marking scheme

Mark for each question is the same.

Correct answer will get 2 marks.

Wrong answer will lose 1 mark.

Only the first 50 answered questions will be marked. All answers beyond the first 50 marked questions will NOT be counted.

2. The maximum mark is 100 and the passing mark is 50.
3. Simple computation will be required. Candidate is expected to bring along his/her own calculator.
4. Each question will have 4 options for selection. Only one will be the answer.

Syllabus

Part I Examination of APC of HKIS LSD

(Revised: March 2013)

Reference and Useful Sites for Part I Written Examination (*Note: The below list is for reference only and is not exhaustive.*)

1. Data Alignment Measures
http://www.devb.gov.hk/en/publications_and_press_releases/studies_and_reports/final_report_on_implementation_of_data/index.html
2. General Specification for Civil Engineering Works 2006
http://www.cedd.gov.hk/eng/publications/standards_handbooks_cost_standards_2006.htm
3. Geodetic Survey in Hong Kong
<http://www.geodetic.gov.hk/smo/gsi/programs/en/index.htm>
4. Hong Kong Institute of Surveyors, Land Surveying Division
<http://www.hkis.org.hk/lzd/en/>
5. Hong Kong Institute of Utility Specialists
<http://www.hkius.org.hk>
6. Hydrographic Office of Marine Department
<http://www.hydro.gov.hk/eng/index.php>
7. Land Survey Ordinance and Code of Practice
<http://www.landsd.gov.hk/mapping/en/leg/code.htm>
8. Map Products in SMO, Lands Department
<http://www.landsd.gov.hk/mapping/en/pro&ser/index.htm>
9. Surveyors Registration Ordinance and Surveyors Registration Board
<http://www.srb.org.hk/home.html>
10. The Hong Kong Polytechnic University, LSIGI, Useful Links
<http://www.lsgi.polyu.edu.hk/useful-links/index.asp>
11. Tidal Information – Hong Kong Observatory
http://www.hko.gov.hk/tide/etide_main.htm
12. Transport Planning and Design Manual
http://ebook.lib.hku.hk/HKG/B35821449V2.pdf?bcsi_scan_E83FB67482C49B62=0&bcsi_scan_filename=B35821449V2.pdf

~~ E N D ~~