



**Sekolah Sri KDU
IB Diploma Programme**

ASSESSMENTS

EXTERNAL ASSESSMENT (Higher Level)	76%
<u>Written papers</u>	<u>2 hours</u>
- Paper 1	1 hour 20%
40 multiple choice questions	
<u>Candidates must attempt one question.</u>	
- Paper 2	21/4 hour 36%
Section A: one data based question and several questions on the core and the HL.	
<u>Candidates must attempt three questions.</u>	
- Paper 3	11/4 hours 20%
A data-response paper based on all five sections of the syllabus. The paper consists of five structured questions.	

INTERNAL ASSESSMENT (Higher Level)	24%
<u>Refer to website</u>	

SUBJECT CALENDAR (2008) – JANUARY INTAKE 2008

Teacher: Lawrence Kok

Subject: Chemistry – IB Diploma

HIGHER LEVEL

WEEK/DATE	TOPIC	ASSESSMENT
1 (2/1 – 4/1)	Group 4 Project	Group Project 4 Introduction
2 (7/1 – 10/1)	Chapter 7. Kinetics	
3 (14/1 – 18/1)	Rate of reaction and collision theory.	Homework Assignment # 1
4 (21/1 – 25/1)	Factors affecting rate of reaction	
5 (28/1 – 1/2)	Order of reaction and mechanisms	Homework Assignment # 2
6 (4/2 – 8/2)	Chinese New Year Holidays	
7 (11/2 – 15/2)	Chapter 9 Acids and bases	Subject Evaluation 1
8 (18/2 – 22/2)	pH scale and buffers	
9 (25/2 – 29/2)	Titration curves.	Homework Assignment # 3
10 (3/3 – 7/3)	Chapter 10 Oxidation and reduction. Introduction.	
11 (17/3 – 21/3)	Redox reactions (1)	Homework Assignment # 4
12 (24/3 – 28/3)	Redox reactions (2)	
13 (31/3 – 4/4)	Electrolysis (1)	Subject Evaluation 2
14 (7/4 – 11/4)	Electrolysis (2)	
15 (14/4 – 18/4)	Electrochemical series.	Homework Assignment # 5
16 (21/4 – 25/4)	Chapter 11/ Option H. Organic Chemistry Introduction	
17 (28/4 – 2/5)	Functional groups and homologous series	
18 (5/5 – 9/5)	Properties of different functional group.	
19 (12/5 – 16/5)	Alkanes and structural isomers.	Mid-Year Examinations
20 (19/5 – 23/5)	Alcohols and condensation polymerization.	
21 (9/6 – 13/6)	Substitution reactions/ nucleophilic substitution.	
WEEK/DATE	TOPIC	ASSESSMENT
22 (16/6 – 20/6)	Determination of structure- mass spectrometry.	Homework Assignment # 6
23 (23/6 – 27/6)	Option G.Modern. Analytical Chemistry	
24 (30/6 – 4/7)	Analytical techniques	
25 (7/7 – 11/7)	Visible and u/v spectroscopy (1)	
26	Visible and u/v spectroscopy (2)	Subject Evaluation 3

(14/7 – 18/7)		
27 (21/7 – 25/7)	Infrared spectroscopy (1)	
28 (28/7 – 1/8)	Infrared spectroscopy (2)	Homework Assignment # 7
29 (4/8 – 8/8)	NMR spectroscopy (1)	
30 (11/8 – 15/8)	NMR spectroscopy (2)	
31 (25/8 – 29/8)	Mass spectroscopy	Homework Assignment # 8
32 (1/9 – 5/9)	Chromatography (1)	
33 (8/9 – 12/9)	Chromatography (2)	
34 (15/9 – 19/9)	Revision	
35 (22/9 – 26/9)	Revision	
36 (29/9 – 3/10)	Revision	
37 (6/10 – 10/10)	Revision	
38 (13/10–17/10)	Revision	Year-End Examination
39 (20/10-24/10)	Revision	
40 (27/10-31/10)	Revision	
41 (3/11-7/11)	Revision	
42 (10/11-14/11)	Revision	
Nov. 15, 2008 - Jan. 2, 2009	Year – End Break	