

International School of Karachi
Online Mock Exam Syllabus May 2020
Academic Year: 2019-20

Grade 12 & 13 (IAL)

Subject & Date	Description	
<p style="text-align: center;">Math Hand written</p> <p>P1- 18 May P2 – 18 May S1- 18 May P4 – 20 May M1- 22 May</p>	<p>Maths - P1 1. Algebra and functions 2. Coordinate Geometry</p> <p>Maths - P2 1. Exponentials and logarithms 2. Integration</p> <p>Maths - P4 – First 1. Algebra and functions 2. Binomial expansion 3. Differentiation</p> <p>Second 1. Coordinate geometry 2. Integration 3. Vectors</p> <p>Maths - M1 1. Vectors in mechanics 2. Kinematics</p> <p>Second 1. Dynamics</p>	<p>Maths - S1 1. Representation and summary of data 2. Correlation and regression</p> <p>Second 1. Probability</p> <p>Sources: Book and Past papers</p> <p>Paper format: As per the IAL past papers hand written</p> <p>Duration: 1 hour</p>
<p style="text-align: center;">IT Practical</p> <p>18 May</p>	<p>Content: Theory:</p> <p>Unit 2:</p> <p>Topic 7: Understanding the functionality of HTML</p> <ul style="list-style-type: none"> • Describe how HTML is used to structure web pages • Describe how the head element is used to supply information about the document • Use key elements to define the structure and formatting of text on a web page • Create links • Page Components • Add images to web pages • Create a form on a web page • Add audio and video to a webpage • Explain how to use inline frames to add dynamic content from external websites. <p>Topic 8: Understanding the functionality of CSS</p> <ul style="list-style-type: none"> • Writing CSS • Reference CSS within the HTML code • Styling Web Pages 	

	<ul style="list-style-type: none"> • Specify colours • Explain how to manipulate colour • Positioning Content • Describe how to control the position of elements • Use the box model to control the appearance of boxes • Describe how to design for differently sized screens <p>Topic 9: Understanding the functions of Javascript</p> <ul style="list-style-type: none"> • Document Object Model <ul style="list-style-type: none"> ○ Explain how the Document Object Model (DOM) allows JavaScript to access and update the content of a web page • Programmed Functionality <ul style="list-style-type: none"> ○ Describe how to add JavaScript to web pages. ○ Create program functionality ○ Explain how events can be used to trigger a function in the JavaScript code ○ Describe how to combine JavaScript with HTML and CSS to create page components <p>Sources: Past Papers, Notes in notebook, Online practice</p> <p>Paper format: MCQ's, Coding and Structured questions (On-screen)</p> <p>Duration: 1 hour</p>
<p>Physics Hand written</p> <p>U1 – 20 May U2 – 20 May U3 – 21 May U5 – 21 May U6 – 22 May</p>	<p>Physics – Unit 1 1. Materials</p> <p>Physics – Unit 2 1. Waves and Particle nature of Light</p> <p>Physics – Unit 5 1. Thermodynamics 2. Nuclear decay</p> <p>Second 1. Astrophysics and cosmology</p> <p>Sources: Old past papers and notes, online classes</p> <p>Paper format: Hand written</p> <p>Duration: 1 hour</p>
<p>Chemistry Hand written</p> <p>U1 - 19 May U2 – 19 May</p>	<p>Content:</p> <p>AS Unit 2:</p> <p>1. Organic 2. Intermolecular forces</p>

U3 – 19 May & 20 May	3. IR 4. Energetics 5. Equilibrium
U5 – 19 May	6. Redox
U6 – 23 May	Unit 5: Organic Chemistry Unit 6: Lab Skills Sources: Class lectures and past papers Paper format: MCQs and Theory (Hand written) Duration: 1 hour
Business Studies Hand written 18 May 22 May	Content: Topics: 1) Sources of finance 2) Role and objectives of accounting 3) Types of production 4) Capacity utilization 5) Stock control 6) Lean production Sources: Text Book Past papers Paper format: As per the IAL exam paper Duration: 1 hour

IMPORTANT INFORMATION

- Reporting time for students is:
 - First Exam: 1:45 PM and Exam will start at 2:00 PM
 - Second Exam: 7:45 PM and Exam will start at 8:00 PM
- Duration of Exam is 1 hour
- Students who arrive late will not be given any extra time.
- The paper must be submitted before the time mentioned in the time table

Good Luck Everyone!