



# International Academic School

World-Class Education. Traditional Values.



**Academic Year: 2016-2017**

**Term III Exam - Grade 12**

Day & Date	Monday 05/06/2017	Tuesday 06/06/2017	Wednesday 07/06/2017	Thursday 08/06/2017	Sunday 11/06/2017	Monday 12/06/2017	Tuesday 13/06/2017	Wednesday 14/06/2017	Thursday 15/06/2017
Subject	Arabic & English writing	I.T	Islamic	Arabic	Calculus / Statistics	English	Physics / History	Biology / Accounting	Chemistry / Health Science

- Sunday, 04/06/2017 until Thursday 08/06/2017 are regular teaching days.
- Starting from Sunday 11/06/2017 students will leave at 9:30.
- Exams start at 8:00 a.m. sharp.
- Late students will not be given any extra time.
- Special Arabic and Special Islamic Exams will be conducted on the same dates of the regular exams.
- Exams will be re-scheduled for absent students who have a medical report.
- Uniforms are obligatory.
- Cell phones and other electronic devices are not allowed.
- All bus students should leave by bus. It's not allowed for them to stay in school. Parents of students who don not take the bus are requested to pick up their children at 9:30.
- Check the school's website for the studying materials: [www.ias-dubai.ae](http://www.ias-dubai.ae)



**Studying Materials for Term III Exam, 2016-2017**

**Grade: 12**

SUBJECT	TOPIC
Calculus	<ul style="list-style-type: none"><li>- 3.8: Newton's method</li><li>- 3.9: Differentials (Linear Approximation)</li><li>- 4.1: Antiderivatives and Indefinite integration</li><li>- 4.2: Areas</li><li>- 4.3: Riemann Sum and Definite Integrals</li><li>- 4.4: The Fundamental Theorem of Calculus</li><li>- 4.5: Integration by substitution</li><li>- 5.2: The Natural Logarithmic Function: Integration</li><li>- 5.4: Exponential Functions: Integration</li><li>- 7.1: Area of a Region Between Two Curves</li><li>- 7.2: Volume: The Disk Method</li></ul>
Statistics	L(9.1) Introduction to Statistics L(9.2) Testing the Mean $\mu$ L(9.3) Testing a proportion $p$ L(10.1) Testing involving paired Differences ( Dependent Sample) L(10.2) Inferences about the Difference of Two Means $\mu_1 - \mu_2$ L(10.3) Inferences about the Differences of two proportions $p_1 - p_2$ L(11.1) Chi-Square: tests of Independence and of homogeneity
Biology	Chapter 7 sections: 2,3,4 Chapter 8 sections: 2, 3, 6 and 7 Study from notebook, book, all worksheets received.
Physics	Chapter 21: atomic physics Chapter 22: sections 1,2
Chemistry	Chapter 23 section 1,2,4 Note: Study all the notes from notebook, book, and sheets
Health Science	1- Chapter 9 lessons 1,2,3 2- Chapter 11 lessons 1,2,3 3- Chapter 12 lessons 1,2
Arabic	القراءة: [ دارنا الدمشقية ( – إلى أمتي (نص شعري) ] النحو : ( أفعال المقارنة والشروع والرجاء ) ( النداء ) ( البدل ) ( أسلوب الاستثناء ) البلاغة: ( التشبيه الضمني ) ( الجناس )
Islamic	سورة النور الآيات 32- 34 التفكير الإبداعي في الإسلام الشيخ زايد رحمه الله.
Special Islamic	Unit c – ch 1 - prophet Muhammad passes to Jannah Unit c – ch 2- As-Sunnah: the prophet's way Unit c – ch 4 – The recording of the Hadeeth

<p style="text-align: center;"><b>Special Arabic</b></p>	<p><b>LEVEL 1:</b>  Letters (Kaaf / Qaa / Faa / Ghayn / Ayn) (ع / غ / ف / ق / ك)  Text book pg. (122 / 143)  Work book pg. (114 / 134)</p> <p><b>LEVEL 2:</b>  1- Unit 14(1) ميسون والفصول الأربعة (reading / conversation / grammar)  2- Unit 15 (2) ميسون والفصول الأربعة (reading / conversation / grammar)  3- Unit 16 (3) ميسون والفصول الأربعة (reading / conversation / grammar)  4- Unit 17 (4) ميسون والفصول الأربعة (reading / conversation / grammar)  Text book pg. (127 / 164)  Work book pg. (67 / 88)</p> <p><b>LEVEL 3:</b>  1- Unit 15 رحلة إلى معسكر الكشافة (reading / conversation / grammar)  2- Unit 16 وصف لمباراة كرة قدم (reading / conversation / grammar)  3- Unit 17 التلميذ الأمين (reading / conversation / grammar)  4- Unit 18 حق الجوار (reading / conversation / grammar)  Text book pg. (150 / 192)  Work book pg. (76 / 98)</p> <p><b>LEVEL 4</b>  1-Lesson 12 يوم رياضي (reading / grammar)  2- Lesson 13 وصف لمباراة بطولة كرة قدم (reading / grammar)  3- Lesson 14 حديث عن الحيوانات (reading / grammar)  4- Lesson 15 طرف عن الحيوانات (reading / grammar)  Text book pg. (150 / 225)  Work book pg. (50 / 72)</p> <p><b>LEVEL 5</b>  1-Lesson10 الثوب الأحمر (reading / grammar)  Text book pg. (174 / 194)  Work book pg. (79 / 85)  2- Lesson 14 سبع وصايا للنجاح في الحياة العملية (reading / grammar)  Text book pg. (264 / 280)  Work book pg. (115 / 120)</p>
<p style="text-align: center;"><b>English</b></p>	<p><b>Reading Comprehension</b></p> <ul style="list-style-type: none"> <li>• Unseen passage</li> </ul> <p><b>Reading Literature</b></p> <ul style="list-style-type: none"> <li>• “Araby”: short story by James Joyce</li> <li>• “Shooting an Elephant”: Reflective essay by George Orwell</li> </ul> <p><b>Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Vocabulary lists (1, 2, 3 &amp; 4)</li> </ul> <p><b>Grammar:</b></p> <ul style="list-style-type: none"> <li>• Transition signals (because - For example – Finally – Truly – First – For instance – In addition - In contrast – due to – Moreover - due to - Furthermore ...)</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Descriptive essay</li> </ul>
<p style="text-align: center;"><b>History</b></p>	<p><b>Reading Comprehension:</b></p> <ul style="list-style-type: none"> <li>• Unseen passage</li> </ul> <p><b>Chapter 26: sections 1, 2 &amp; 3</b></p> <ul style="list-style-type: none"> <li>• Democratic Reform and Activism</li> <li>• Self-Rule for British Colonies</li> <li>• War and Expansion in the United States</li> <li>• Text-related terms &amp; names</li> </ul>

<b>Accounting</b>	<b>Lessons:</b> 7.1, 7.2, 7.3, 8.1, 8.2 General Ledger, Posting and Trial Balance <b>Lessons:</b> 8.1, 8.2 6 column worksheet: Preparing worksheet and completing the worksheet
<b>Computer</b>	<ul style="list-style-type: none"><li>✓ Commands (alert, prompt, document. write, confirm)</li><li>✓ Functions</li><li>✓ Predefined functions (Math Functions)</li><li>✓ Predefined functions (Date &amp; Time)</li><li>✓ String Functions</li><li>✓ All Worksheets</li></ul>