

المادة الدراسية للاختبارات Study list

منتصف الفصل الدراسي الأول 2025/2024
Semester 1- MidTerm

الصف الحادي عشر Grade 11

الصفحات في الكتاب Pages in the book	الوحدات/الدروس Units/ Lessons	المادة Subject
All the resources including Lesson Presentations, Worksheets, Homework tasks, and Quizzes have been uploaded to LMS	<p>Unit 1: Introduction to Java and Primitive Types:</p> <p>1.1.1 Variables</p> <p>1.1.2 Variable Declarations</p> <p>1.1.3 Number Types</p> <p>2.1.4 Variable Names</p> <p>2.1.5 The Assignment Statement</p> <p>2.1.6 Constants</p> <p>1.1.7 Comments</p> <p>1.2 Variables and Data Types</p> <p>1.3 Expressions and Assignment Statements</p> <p>1.4 Compound Assignment Operators</p> <p>1.5 Casting and Ranges of Variables</p> <p>Unit 2: Using Objects & User Input:</p> <p>2.1 Objects: Instances of Classes</p> <p>2.1.1 Input and Output</p> <p>2.1.2 Reading Input</p> <p>2.1.3 Formatted Output</p> <p>2.6 String Objects: Concatenation, Literals, and More</p> <p>2.7 String Methods</p> <p>2.9 Using the Math Class</p> <p>Practice 2.6 - 2.9 topics using the user input (Scanner)</p> <p>Unit 3: Boolean Expressions and if Statements</p> <p>3.1 Boolean Expressions</p> <p>3.2 if Statements and Control Flow</p> <p>CyberSecurity</p> <p>Linux Commands</p> <ul style="list-style-type: none"> - Creating files with CLI - Downloading files with CLI - Invoking user manuals with CLI 	Computer Science

	<ul style="list-style-type: none"> - Writing on to text files with CLI - Changing directories with CLI 	
31 -111	<p>Topic 2 Motion in One Dimension 31</p> <p>2.1 Displacement, Velocity, and Acceleration 31</p> <p>2.2 Motion Diagrams 41</p> <p>2.3 One-Dimensional Motion with Constant Acceleration 42</p> <p>2.4 Freely Falling Objects 48</p> <p>Topic 3 Motion in two Dimensions 59</p> <p>3.1 Displacement, Velocity, and Acceleration in Two Dimensions 59</p> <p>3.2 Two-Dimensional Motion 61</p> <p>3.3 Relative Velocity 69</p> <p>Topic 4 Newton's Laws of Motion 80</p> <p>4.1 Forces 80</p> <p>4.2 The Laws of Motion 82</p> <p>4.3 The Normal and Kinetic Friction Forces 92</p> <p>4.4 Static Friction Forces 96</p> <p>4.5 Tension Forces 98</p> <p>4.6 Applications of Newton's Laws 100</p> <p>4.7 Two-Body Problems 106</p>	Physics
Resources are on LMS and AP classroom + Workbook.	<ol style="list-style-type: none"> 1. Identifying Lab Equipment 2. Safety In the Lab 3. Separation of Mixtures and Techniques 4. Dimensional Analysis and Significant Figures. 5. 1.1 Moles and Molar Mass (mole calculations, mass to moles, moles to particles) 6. 1.2 Isotopes and Mass Spectroscopy (Isotopes, Relative isotopic mass, Calculation of particles, analyzing Mass Spectroscopy) 	Chemistry

	<p>7. 1.3 Elemental composition of Pure Substances (Percentage Composition of compounds)</p> <p>8. 1.4 Elemental Composition of Mixtures (Finding original % of mixture from ratios/mole fractions)</p> <p>9. 1.4 Finding the formula of Hydrates from experimental data (naming Hydrates/finding the formula of a hydrate)</p>	
Resources are on LMS and AP classroom	<p>Unit 1</p> <p>1.1 Structure of Water and Hydrogen Bonding</p> <p>1.2 Elements of Life</p> <p>1.3 Introduction to Biological Macromolecules</p> <p>1.4 Properties of Biological Macromolecules</p> <p>1.5 Structure and Function of Biological Macromolecules</p> <p>1.6 Nucleic Acids</p>	Biology
<p>ص 26</p> <p>ص 21</p> <p>ص 25</p> <p>ص 63</p> <p>ص 91</p> <p>ص 38</p> <p>ص 70</p> <p>ص 42</p>	<p><u>أولاً: الحفظ</u></p> <ul style="list-style-type: none"> • حفظ أبيات المقطعين الثالث والرابع (9-16) من قصيدة دعوة إلى السلام. <p><u>ثانياً: القضايا الأدبية</u></p> <ul style="list-style-type: none"> • الأدب في العصر الجاهلي. <p><u>ثالثاً: القراءة</u></p> <ul style="list-style-type: none"> • نص دعوة إلى السلام (نص شعري – العصر الجاهلي). <p><u>رابعاً: البلاغة</u></p> <ul style="list-style-type: none"> • التشبيه التمثيلي. • الأغراض البلاغية للأمر والنهي. <p><u>خامساً: الكلمة والجملة</u></p> <ul style="list-style-type: none"> • صيغ الزيادة في الأفعال. <p><u>سادساً: الكتابة</u></p> <ul style="list-style-type: none"> • كتابة مقال إقناعي. <p><u>سابعاً: الاستماع</u></p> <ul style="list-style-type: none"> • لماذا ندرس الأدب؟ 	اللغة العربية
<p>ص 22</p> <p>ص 34</p> <p>ص 46</p>	<p>(التفسير عاقبة البغي والتكبر سورة القصص (76-83) شرح وحفظ قيمة الإخلاص</p>	التربية الإسلامية

56ص 76ص	أبرز خصائص الرسالة الإسلامية أحكام البيوع أهمية التوكل على الله تعالى	
Precalculus Book Pages P2 to P22 Pages: 3-82 Pages: 84-118	<p>Chapter 0</p> <p>0.1 Operation with Complex Numbers</p> <p>0.2 Quadratic Functions and Equations</p> <p>0.3 nth Roots and Real Exponents</p> <p>0.4 Systems of Linear Equations and Inequalities</p> <p>Chapter 1</p> <p>1.1 Functions</p> <p>1.2 Analyzing Graphs of Functions and Relations</p> <p>1.3 Continuity, End Behavior and Limits</p> <p>1.4 Extrema and Average Rates of Change</p> <p>1.5 Parent Functions and Transformation</p> <p>1.6 Function Operations and Composition of Functions</p> <p>1.7 Inverse Functions</p> <p>Chapter 2</p> <p>2.1 Power and Radical Functions</p> <p>2.2 Polynomial Function</p> <p>2.3 The Remainder and Factor Theorems</p>	Mathematics
Unit 1 = 1-24 Unit 2 = 25-48	<p>1. Vocabulary</p> <p>-all unit 1 and 2 words</p> <p>2. Reading Skills</p> <p>-identify: main ideas, details, sequence, evidence, infer meaning</p> <p>-ability to explain, using evidence if required, in short answer questions</p> <p>-recognizing claims and counterclaims</p> <p>-understanding cohesion</p> <p>3. Critical Thinking Skills</p> <p>-analyze evidence</p> <p>-analyze how information is organized</p> <p>4. Language Skills</p> <p>-making comparisons</p> <p>-paraphrasing/using synonyms</p> <p>- cohesive devices</p> <p>-cause and effect</p>	English

	<p>-transitions</p> <p>5. Writing Skills</p> <p>-cause-effect essay</p> <p>-problem-solution essay</p> <p>-general concepts: introduction/conclusion, topic sentence, supporting ideas, transitions, details (commentary), concluding sentences</p> <p>-full stops versus commas for ending sentences</p>	
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مع تمنياتنا لأبنائنا الطلبة بالتوفيق والنجاح