Baniyas International Private School

1st Trimester Exam Schedule

Academic Year 2025 – 2026

Grade 12

No	Day	Date	Subject	Exam Material
1	Wed	19-Nov	Math	**Unit 1 :** 1.2a Differentiating Polynomials with Positive Integer Powers of x — *30* 1.2b Differentiating Polynomials with Negative or Fractional Powers of x — *34* **Unit 4**: 4.1a Domain, Range and Asymptotes — *143* 4.2a Simplifying Rational Expressions by Algebraic Division — *151* 4.3a the inverse of functions — *155* ; 4.4 Partial Fractions — *161* ; 4.5 Composite Functions — *169* **UNIT 5** : 5.1a Sums of Squares and Cubes — *186* ; 5.1b Sums of Finite Series — *189* **Unit 6**: 6.1a Irrational Functions, their Domains and Ranges — *215* 6.3a The Limit of a Function — *225* ; 6.3b Properties of Limits — *231* 6.4a Finding the Limit of a Function when Direct Substitution Leads to an Indeterminate Form — *235* 6.4b The Limit of a Function at Infinity—*239* 6.5a Existence of a Limit of a Function at a Point — *244* ; 6.5b Continuity — *248* **Unit 7**: 7.3a The Chain Rule — *336* ; 7.3b The Product Rule — *340* ; 7.3c The Quotient Rule — *343* 7.4a The Derivative of a^x — *346* ; 7.4b The Derivative of ln x — *349* 7.4c The Derivatives of sec x, csc x and cot x — *352*
2	Thu	20-Nov	Biology	**Module: Organisms and their Environment** **Chapter 2: The Principle of Material Recycling** Lesson 2: The Carbon Cycle (Pages # 102-107) ; Lesson 3: The Water Cycle (Pages # 108-112) Lesson 4: Decomposition (Pages # 113-120) **Chapter 3: Environmental Interaction ad Processes** Lesson 2: Evaluating the Impact of Biodiversity (Pages # 136-145) Lesson 4: Climate Change and Its Effects on Ecosystems (Pages # 162-173) Lesson 6: Mitigating the Effects of Humans on the Environment (Pages # 184-199) Lesson 7: Conservation (Pages # 200-215) **Chapter 4: Energy and Ecosystem** Lesson 1: Energy Transfers Between Organisms (Pages # 218-221) Lesson 4: Transfer of Energy in Food Chain (Pages # 234-238) **Chapter 5: Food Security** Lesson 1: Factors Affecting Food Security (Pages # 242-247) Lesson 2: Improving the Efficiency of Food Production (Pages # 248-263) Lesson 3: Sustainable Food Production Practices (Pages # 264-279)
3	Fri	21-Nov	Islamic	وقاية المجتمع من الجرائم الأخلاقية 8 إلى ص 19 - الإسلام ينبذ التطرف من32 إلى ص 43 - الفراق بين الزوجين من 44 إلى ص 61- رسول الله والحياة الإجتماعية من ص 62 إلى ص 73- حديث الافك عظة وعبرة من ص 74 إلى ص 88 - السنن الربانية من 90 إلى ص 100 - الشيخة فاطمة بنت مبارك من ص 134 إلى ص 140- ما سبق دراسته من أحكام التلاوة

4	Mon	24-Nov	English	**Reading:** Unseen Passage Reading (Skimming and Scanning, Finding Topic Sentences, Main Ideas and Headings, Sentence Completion, Identify Key Words, Matching Information) **Vocabulary** (Collocations, Phrasal Verbs, Words with more than one Meaning, Media Vocabulary, Definitions, Research, Adjectives Describing Experiences) **Language** (Verbal: Gerund, Infinitive, Participle Present Tenses, Past Simple, Building Complex Sentences, Relative Clauses, Parts of Speech Adjectives of Feelings and Intensifiers) **Writing (IELTS Task 2) Opinion Essay Reference:** Pearson IELTS Band 6 Expert Course Book pp. 7-37)
5	Tue	25-Nov	Chemistry	Global Chemistry Chapter 01: Hydrocarbons Lesson 1 Introduction to Hydrocarbons (Page20) ; Lesson 2 Alkanes and Saturated Hydrocarbons (Page23) Lesson 4 Alkanes Structure (Page34) ; Lesson 5 Alkanes: Sources and Properties (Page38) Lesson 8 Alkenes: Structure, Formula and Sour (Page48) Lesson 9 Alkenes: Chemistry, Properties and Uses (Page51) Lesson 14 Alkynes (Page # 74) ; Lesson 15 Fossil Fuels (Page # 77) Lesson 16 Economic and Environmental Importance of Oil as Fuel (Page # 80) **Global Chemistry Chapter 02: Simple Aliphatic** Lesson 1 Halogenoalkanes and Nucleophilic Substitution (Page90) Lesson 2 The Mechanisms of Nucleophilic Substitution (Page94) Lesson 3 Halogenoalkanes: Bonding and Reactions (Page98) Lesson 5 CFCs and the Ozone layer (Page106) ; Lesson 6 Functional Groups (Page111) Lesson 7 Alcohols: Structure and Properties (Page115) ; Lesson 8 Reactions of Alcohols (Page120)
6	Wed	26-Nov	Physics	**Chapter.1: Electricity** Lesson 1: Electric Current and Potential Difference (Page18) ; Lesson 2: Investigating Electric Circuits (Page22) Lesson 3: Electric Charge (Page24) ; Lesson 4: Electric Fields and Coulomb's Law (Page27) Lesson 5: Charged Particles and Electric Fields (Page31) ; Lesson 6: Electric Potential (Page34) Lesson 7: Electric Potential Difference and Work Done (Page37) Lesson 8: Gravitational and Electrostatic Forces (Page40) Lesson 9: Resistance and Ohmic Conductors (Page # 43) Lesson 10: Investigating the Relationship Between Current and Potential Difference (Page46) Lesson 11: Energy & Power (Page48) ; Lesson 12: Measuring Power (Page52) ; Lesson 13: DC Circuits (Page54) Lesson 14: AC Current & Oscilloscopes (Page57); Lesson 15: Root-Mean-Square & Peak-To-Peak (Page59) Lesson 16: Circuits & Sinusoidal AC Current (Page62) ; Lesson 17: Current, Voltage & Resistance (Page64)
7	Thu	27-Nov	Arabic	النصوص الخارجية: سردية ومعلوماتية النصوص الشعرية : قصيدة أرق على أرق من ص 43:49 . قصيدة البركة من ص 53:59 النحو: الجملة الإسمية ومكملاتها . البلاغة : التشبيه والاستعارة والكناية - الطباق والجناس والمقابلة . الكتابة: نص إقناعي .

Exam instructions

All exams Inside School Building
Exams for All Grades 1 to 12

Students' Attendance : Time-In at 7:30 am and leave time at 9:30 am after exams directly.

Exam Location : Exam Rooms

Exam Operation : Paper-based exam

Exam Timing : From 8:15 am to 9:30 am

Late comers : Students are not allowed to enter exam rooms after 15 minutes from exam start.

1- **Exam days for each class start as attached in exam schedule.**
2- **Attendance during the exam days is mandatory and the exam will not be repeated without an official excuse.**

إرشادات الامتحان

جميع الامتحانات داخل المبنى المدرسي
ستكون الامتحانات لجميع الصفوف من 1 إلى 12

حضور الطلبة : الساعة 7:30 صباحا والمغادرة الساعة 9:30 صباحا بعد الامتحانات مباشرة.

مكان الامتحان : قاعات الامتحان

آلية الامتحان : ورقيا داخل قاعات الامتحان

توقيت الامتحان : الساعة 8:15 صباحا إلى الساعة 9:30 صباحا.

التأخر عن الامتحان : لن يسمح للطالب بدخول قاعة الامتحان بعد مرور 15 دقيقة من بداية الامتحان.

1- **تبدأ أيام الامتحانات لكل صف حسب التواريخ المرفقة فى الجداول لكل صف .**
2- **الدوام خلال فترة الامتحانات إلزامي ولن يتم إعادة الامتحان بدون عذر رسمي.**