

YARA INTERNATIONAL SCHOOL – RIYADH



TERM SYLLABUS

ACADEMIC YEAR :2024-25


STREAM (CBSE/CAIE) : CBSE

TERM : II

GRADE : XII(Science)

SUBJECT	PORTION
English	<p>Reading comprehension-Unseen passages</p> <p>Literature -Flamingo</p> <ol style="list-style-type: none"> 1. Keeping Quiet(poem) 2. A Roadside Stand(poem) 3. Aunt Jennifer’s Tigers(poem) 4. Poets and pancakes 5. Going places 6. The Interview <p>Literature -Vistas</p> <ol style="list-style-type: none"> 1. On the Face of it 2. The Enemy 3. Journey to the end of the Earth 4. Memories of Childhood <p>Writing Skills</p> <ol style="list-style-type: none"> 1. Invitations 2. Replies to Invitations 3. Report Writing
Physics	<p>Chapter 8: Electromagnetic waves.</p> <p>Chapter 9: Ray Optics and Optical Instruments.</p> <p>Chapter 10: Wave Optics</p> <p>Chapter 11: Dual nature of radiation and Matter</p> <p>Chapter 12: Atoms</p> <p>Chapter 13: Nuclei</p> <p>Chapter 14: Semiconductor Electronics</p>
Chemistry	<p>Chapter 10: Haloalkanes and Haloarenes</p> <p>Chapter 11: Alcohols Phenols & Ethers</p> <p>Chapter 12: Aldehydes, Ketones & Carboxylic acids</p> <p>Chapter 13: Amines</p> <p>Chapter 14: Biomolecules</p>
Biology	<p>Chapter 8: Human Health and Diseases</p> <p>Chapter 10: Microbes in Human Welfare</p> <p>Chapter 11: Biotechnology - Principles and Processes</p> <p>Chapter 12: Biotechnology and its Applications</p> <p>Chapter 13: Organisms and Populations</p> <p>Chapter 14: Ecosystem</p> <p>Chapter 15: Biodiversity and its Conservation</p>

Mathematics	Chapter 6: Application of Derivatives Chapter 7: Integrals Chapter 8: Application of Integrals Chapter 9: Differential Equations Chapter 12: Linear Programming Chapter 13: Probability
Computer Science	Chapter 10: Computer Networking Chapter 11: Network Protocol Chapter 12: Database concepts Chapter 13: SQL Chapter 14: SQL Queries Chapter 15: Interface Python with SQL
Fine Arts	Chapter 6: The Bengal School and Cultural Nationalism Chapter 7: The Modern Indian Art Chapter 8: The Living Art Traditions of India <ul style="list-style-type: none"> • The National Flag of India and Significance of its Forms and Colours
Physical Education	Chapter 6: Test and Measurement in Sports Chapter 7: Physiology and Injuries in Sports Chapter 8: Biomechanics and Sports Chapter 9: Psychology in Sports Chapter 10: Training in Sports
Compulsory Arabic	جار جديد
Islamic Culture	<ul style="list-style-type: none"> • The Islamic greeting Salam around the world • Aspects of Islamic etiquette • Ethics of seeking permission • Ethics of sitting • Etiquette of sleeping • Women before Islam • Rights that Islam gives to women • A woman in Islam has the right to get the education • Condition of Muslim dress code • Types of Islamic clothing • Uniform Jilbab

Approved by: Mrs. Rahma Afsal	Date: 10.09.24	Signature: 
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