

# YARA INTERNATIONAL SCHOOL – RIYADH



## TERM SYLLABUS


ACADEMIC YEAR :2025-26

TERM: II

GRADE: XII(Science)

| SUBJECT   | PORTION   |
|-----------|---|
| English   | <b>Writing Skills</b><br>1.Report Writing<br>2. Invitations & replies to Invitations<br><b>Literature</b><br><b>Flamingo</b><br>1. A Thing of Beauty (poem)<br>2. My Mother at Sixty-Six (poem)<br>3. Poets and Pancakes<br>4. Aunt Jennifer's Tigers (poem)<br>5. Going Places<br>6. A Roadside Stand<br><b>Vistas</b><br>1. On the Face of It<br>2. The Enemy<br>3. Journey to the end of the Earth<br>4. Memories of Childhood |
| Physics   | Chapter 8: Electromagnetic Waves<br>Chapter 9: Ray Optics and Optical Instruments<br>Chapter 10: Wave Optics<br>Chapter 11: Dual Nature of Radiation and Matter<br>Chapter 12: Atoms<br>Chapter 13: Nuclei<br>Chapter 14: Semiconductor Electronics: Materials, Devices and Simple Circuits   |
| Chemistry | Chapter 6: Haloalkanes & Haloarenes<br>Chapter 7: Alcohols, Phenols & Ethers<br>Chapter 8: Aldehydes, Ketones & Carboxylic Acids<br>Chapter 9: Amines<br>Chapter 10: Biomolecules   |
| Biology   | Chapter 5: Molecular Basis of Inheritance<br>Chapter 6: Evolution<br>Chapter 7: Human Health and Diseases<br>Chapter 8: Microbes in Human Welfare<br>Chapter 9: Biotechnology - Principles and Processes<br>Chapter 10: Biotechnology and Its Applications<br>Chapter 11: Organisms and Populations<br>Chapter 12: Ecosystem<br>Chapter 13: Biodiversity and Conservation   |

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| <b>Mathematics</b>        | Chapter 6: Application of Derivatives<br>Chapter 7: Integrals<br>Chapter 8: Application of Integrals<br>Chapter 9: Differential Equations<br>Chapter 10: Vector Algebra<br>Chapter 11: Three-Dimensional Geometry<br>Chapter 13: Probability   |
| <b>Computer Science</b>   | Chapter 9: Data Structure-Stack<br>Chapter 10: Communication and Network concepts<br>Chapter 11: Relational Database<br>Chapter 12: Sample Queries in SQL<br>Chapter 13: Table creation and manipulation commands in SQL<br>Chapter 14: Grouping records and joining in SQL<br>Chapter 15: Interface Python with MySQL   |
| <b>Fine Arts</b>          | Chapter 5: The Bengal school and cultural nationalism<br>Chapter 6: The National Flag of India and its significance of its forms and colours<br>Chapter 7: The modern Indian art (paintings of the contemporary Indian artists)<br>Chapter 8: The modern Indian art (Graphic prints of the contemporary Indian artists)<br>Chapter 9: The modern Indian art (Sculptures of the contemporary Indian artists)  |
| <b>Physical Education</b> | Chapter 6: Test & Measurement in Sports<br>Chapter 7: Physiology & Injuries in Sports<br>Chapter 8: Biomechanics & Sports<br>Chapter 9: Psychology & Sports<br>Chapter 10: Training in Sports  |
| <b>Compulsory Arabic</b>  | جدید جار   |
| <b>Islamic Culture</b>    | <ul style="list-style-type: none"> <li>• The importance of the wording of the Islamic greeting</li> <li>• The Islamic ruling related to the</li> <li>• Use of Salam</li> <li>• The Islamic greeting Salam</li> <li>• Around the world</li> <li>• Aspect of Islamic etiquette</li> <li>• Ethics of seeking permission</li> <li>• Ethics of sitting</li> <li>• Etiquette of sleeping</li> <li>• Women before Islam</li> <li>• Right that Islam gives to women</li> <li>• A woman in Islam has right to get education</li> <li>• Condition of Muslim dress code</li> <li>• Types of Islamic clothing</li> <li>• Uniform Jilbab</li> </ul> |

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| <b>Approved by: Mrs. Rahma Afsal</b> | <b>Date: 25.08.2025</b> | <b>Signature:</b>  |
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