BRIGHT RIDERS SCHOOL, ABUDHABI

ENTRANCE EXAMINATION PORTIONS FOR THE ACADEMIC YEAR – 2027-28

GRADE - 12

S.NO	SUBJECT	PORTIONS
1.	ENGLISH	• **Reading:** Unseen passage • Writing: Poster, classified • advertisement and formal letter • Grammar: Reported speech, • clauses, active and passive voice, • parts of speech, and error • correction • **Literature:** Unseen literary • comprehension
2.	MATHEMATICS	• Sets • Relations and Functions • Trigonometric Functions • Complex Numbers and Quadratic Equations • Linear Inequalities • Permutations and Combinations • Binomial Theorem • Sequences and Series • Straight Lines • Conic Sections • Introduction to Three Dimensional Geometry • Limits and Derivatives • Probability
3.	PHYSICS	• Units and measurement • Motion in straight line • Motion in a plane • Laws of motion • Work, energy and power • System of particles and rotational motion • Gravitation • Mechanical properties of solid

4.	CHEMISTRY	• Some Basic concepts of chemistry • Structure of atom • Chemical Bonding • Thermodynamics • Basic principles and Techniques • Hydrocarbons
5.	BIOLOGY	• The Living World • Biological Classification • Plant Kingdom • Animal Kingdom • Morphology of Flowering Plants • Anatomy of Flowering Plants • Structural Organisation in Animals • Cell: The Unit of Life • Biomolecules • Cell Cycle & Cell Division • Photosynthesis in Higher Plants • Respiration in Plants
6.	ACCOUNTANCY	• Journal • Cash Book • Bank Reconciliation Statement. • Depreciation • Single Entry System of Accounting. • Financial Statements without adjustment. • Financial Statements with Adjustment.
7.	ECONOMICS	Section-A Statistics For Economics Unit 1 Introduction Unit 2. Collection, Organisation and Presentation of Data Unit 3. Statistical Tools and Interpretation(Arithmetic Mean, Median and Mode) Section B Micro Economics Unit. 4 Introduction Unit 5. Consumer Equilibrium and Demand. Unit.5 Producer Behaviour and Supply.