

BRIGHT RIDERS SCHOOL ABUDHABI

ENTRANCE EXAMINATION PORTIONS FOR THE ACADEMIC YEAR - 2021-22

For admission to Grade 12

S.NO	SUBJECT	PORTIONS
1	ENGLISH	MCQ pattern based on parts of Speech, tenses, prepositions, conjunctions determiners, reported speech, clauses, voice, and vocabulary.
2	MATHEMATICS	1.Relations And Functions 2.Trignometric Functions 3.Permutations And Combinations 4.Straight Lines 5.Conic Section 6.Probability
3	PHYSICS	1. Units And Measurements 2. Motion In A Straight Line 3. Motion In A Plane 4. Friction 5. Work, Power And Energy 6. System Of Particles And Rotational Motion 7. Gravitation 8. Mechanical Properties Of Solids 9. Mechanical Properties Of Fluids
4	CHEMISTRY	1. Some basic concepts of Chemistry 2. Atomic Structure. 3. Periodic Classification of Elements. 4. Chemical Bonding and Molecular Structure. 5 States of Matter (only gaseous state) 6. Thermodynamics. 7. Chemical Equilibrium. 8. Hydrocarbons (Preparation, Properties of Alkanes, Alkenes, Alkynes and Benzene). 9. Redox reactions.
5	BIOLOGY	Chapter -2- Biological Classification Chapter -4- Animal Kingdom Chapter -8- Cell: The Unit of Life Chapter -9- Biomolecules Chapter -10- Cell Cycle and cell Division Chapter-13- Photosynthesis in higher plants Chapter-14-Respiration in Plants.

6	ACCOUNTANCY	<ol style="list-style-type: none"> 1. Special Purpose Books 2. Bills of Exchange 3. Depreciation 4. Bank Reconciliation Statement 5. Financial Statements of Sole Proprietorship.
7	ECONOMICS	<p>Introductory micro economics</p> <ol style="list-style-type: none"> a. Theory of demand b. Theory supply c. Concept of cost d. Concept of revenue <p>Introduction to statistics</p> <ol style="list-style-type: none"> a. Mean, Median Mode b. Standard Deviation c. Index Numbers.
8	BUSINESS STUDIES	<ol style="list-style-type: none"> 1. Forms of Business Organization 2. Business Services 3. Sources of Business finance