



## Pakistan School, Kingdom of Bahrain

### Portion for HSSC Send Up Examination Feb-March 2021

#### Grade 11:

<b><u>English</u></b>	Unit 1,2,3,4,5,7,9,12,13,14 Grammar: All grammar included in the units. Parts of Speech , Tenses, Punctuation Marks , Paragraph Writing, CV Writing, Letter to the Editor , Phrasal Verbs
<b><u>Pak. Culture</u></b>	Chap 1: Culture Chap 2: Pakistan -the Land & People Chap 3: The Making of Pakistan
<b><u>Civics</u></b>	Chap. 1 – Civics – What is it? Chap. 2 – The Basic Concerns Chap.3 – The State ( Theories) Chap.4 – The Sovereignty (Types) Chap. 5 – Government ( Types) Chap.6- Laws and Related Matters Chap. 7 – Citizen & Citizenship (Acquire/Lost ) Chap. 8 – Constitution (Types) Chap. 9 – Political Dynamics
<b><u>Economics</u></b>	Chap. 1 – Nature & Scope of Economics Chap. 2 – Consumer Behaviour Chap.3 – Basic Tools of Statistics & Mathematics Chap.4 – Demand Chap. 5 – Supply Chap.6- Equilibrium Chap. 7 – Cost of Production Chap. 8 – Revenue Analysis Chap. 9 – Market & Revenue Analysis
<b><u>Accounting</u></b>	Chapter 1,2,3,4,5,8

<b><u>P. Economics</u></b>	<b>Chap. 1 – Definition of Economics</b> <b>Chap. 2 – Consumers of Demand Theory</b> <b>Chap.3 – Demand &amp; Supply</b> <b>Chap.4 – Laws of Return</b> <b>Chap. 5 – Firms Cost of Production &amp; Revenues</b> <b>Chap.6- Price &amp; Output Determination</b> <b>Chap. 7 – Factors of Production</b> <b>Chap. 8 - National Income</b> <b>Chap. 9 – Money</b> <b>Chap. 10 - Business Cycle</b> <b>Chap. 11 – International Trade</b> <b>Chap. 12 - Public Finance</b>
<b><u>P. Commerce</u></b>	<b>Unit 1 – Concept of Business</b> <b>Unit 2 – Nature &amp; Scope of Commerce</b> <b>Unit 3 – Sole Tradership</b> <b>Unit 4 – Partnership</b> <b>Unit 5/6/7 – Joint Stock Company I/II/III</b> <b>Unit 8 – Cooperative Society</b> <b>Unit 9 – Home Trade</b> <b>Unit 10 – Wholesale Trade</b> <b>Unit 11 – Retail Trade</b>
<b><u>Computer Science</u></b>	<b>Chapters: 1,2,3,5,6 (According to reduced syllabus)</b>
<b><u>CHEMISTRY</u></b>	<b>1. STOICHIOMETRY</b> <b>2. ATOMICSTRUCTURE</b> <b>3. THEORIES OF COVALENT BONDING AND SHAPES OF MOLECULES</b> <b>4. GASES</b> <b>5. LIQUIDS</b> <b>6. SOLIDS</b> <b>7. CHEMICAL EQUILIBRIUM</b> <b>8. ACIDS, BASES AND SALTS</b>

	<b>10. SOLUTIONS AND COLLOIDS</b> <b>12. ELECTRO CHEMISTRY</b>
<b><u>BIOLOGY</u></b>	<b>1 CELL STRUCTURE AND FUNCTION</b> <b>2 BIOLOGICAL MOLECULES</b> <b>3 ENZYMES</b> <b>4 BIOENERGETICS</b> <b>5 ACELLULAR LIFE</b> <b>6 PROKARYOTES</b> <b>7 PROTISTS AND FUNGI</b> <b>8 DIVERSITY AMONG PLANTS</b> <b>9 DIVERSITY AMONG ANIMALS</b>
<b>Mathematics :</b>	<b>Unit 1, 3, 4, 5, 6 ( only up to 6.6 ), unit 9 and 12</b>
<b>Business Mathematics</b>	<b>Business Arithmetics:</b> <ol style="list-style-type: none"> <li>Ratio &amp; Proprtion</li> <li>Percentage</li> <li>Discount</li> <li>Commission</li> <li>Profit &amp; Loss</li> </ol> <b>Interest</b> <ol style="list-style-type: none"> <li>Simple Interest</li> <li>Compound interest</li> </ol> <b>Equations</b> <ol style="list-style-type: none"> <li>Linear Equations</li> <li>Quadratic Equations ( Factorization &amp; Quadratic FORMULA)</li> <li>Simultaneous Equations</li> </ol> <b>Matrices &amp; Determinants</b>

# Physics

**Note: Only topic based related MCQs, Short and Long Questions and numerical are included**

Unit No.	Description	Topic to be Covered
Unit no.1	MEASUREMENTS	1.2 Supplementary units (Radian, Steradian) 1.8 Precision and accuracy 1.9 Dimensions of physical quantities.
Unit no. 2	VECTORS AND EQUILIBRIUM	2.6 Addition of vectors by rectangular components. 2.7 Product of vectors. 2.9 Torque 2.10 Equilibrium. 2.11 Conditions of equilibrium.
Unit no.3	FORCES AND MOTION	3.8 Linear momentum. 3.9 Collisions 3.11 Projectile Motion.
Unit no 4	WORK AND ENERGY	4.1 Work done by a constant force, work done by a variable force. 4.2 Work done in a gravitational field. 4.6 Absolute Potential energy. 4.7 Escape velocity.
Unit no.5	ROTATIONAL AND CIRCULAR MOTION	5.1 Angular Motion 5.2 Relation between angular and linear quantities. 5.3 Centripetal Force and Centripetal Acceleration 5.4 Torque and moment of inertia. 5.5 Angular momentum and torque. 5.6 Conservation of Angular Momentum 5.7 K.E of rotation. 5.8 Rolling of a Disc and hoop down the inclined plane.
Unit no.6	FLUID DYNAMICS	6.1 Viscous Fluids 6.2 Fluid Friction and Stoke's Law 6.3 Terminal Velocity 6.4 Equation of continuity.